

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007103.D
 Acq On : 17 Jan 2019 22:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 10:23:06 AM

Quant Time: Jan 18 07:03:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	503890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	749914	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	683074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	352441	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	259355	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
35) Dibromofluoromethane	5.50	113	236467	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
50) Toluene-d8	8.71	98	874341	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	308292	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	205126	49.572	ug/l	98
3) Chloromethane	1.33	50	224566	46.619	ug/l	97
4) Vinyl Chloride	1.41	62	242984	46.892	ug/l	97
5) Bromomethane	1.64	94	241343	43.594	ug/l	100
6) Chloroethane	1.71	64	164632	45.502	ug/l	99
7) Trichlorofluoromethane	1.92	101	400777	47.868	ug/l	100
8) Diethyl Ether	2.19	74	160937	48.316	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	236552	47.192	ug/l	99
10) Methyl Iodide	2.51	142	349194	51.644	ug/l	99
11) Tert butyl alcohol	3.09	59	318820	256.651	ug/l	99
12) 1,1-Dichloroethene	2.37	96	217586	46.983	ug/l	97
13) Acrolein	2.30	56	134709	251.420	ug/l	98
14) Allyl chloride	2.73	41	383806	48.357	ug/l	98
15) Acrylonitrile	3.15	53	739314	259.252	ug/l	100
16) Acetone	2.45	43	635093	243.949	ug/l	98
17) Carbon Disulfide	2.57	76	494871	41.505	ug/l	99
18) Methyl Acetate	2.78	43	398347	52.837	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	803174	49.967	ug/l	99
20) Methylene Chloride	2.85	84	256172	51.755	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	237499	46.019	ug/l	99
22) Diisopropyl ether	3.87	45	738150	49.470	ug/l	94
23) Vinyl Acetate	3.82	43	3050051	242.387	ug/l	99
24) 1,1-Dichloroethane	3.70	63	404847	48.523	ug/l	100
25) 2-Butanone	4.70	43	948401	254.600	ug/l	99
26) 2,2-Dichloropropane	4.58	77	273370	42.609	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	270716	47.556	ug/l	99
28) Bromochloromethane	5.02	49	177605	48.585	ug/l	96
29) Tetrahydrofuran	5.15	42	617315	255.002	ug/l	97
30) Chloroform	5.21	83	426787	48.856	ug/l	97
31) Cyclohexane	5.57	56	340557	45.860	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	360595	48.701	ug/l	98
36) 1,1-Dichloropropene	5.80	75	304370	46.683	ug/l	99
37) Ethyl Acetate	4.86	43	350694	50.171	ug/l	99
38) Carbon Tetrachloride	5.78	117	313215	47.748	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	372278	44.789	ug/l	98
40) Benzene	6.14	78	940492	47.275	ug/l	100
41) Methacrylonitrile	5.06	41	193456	48.043	ug/l	98
42) 1,2-Dichloroethane	6.20	62	327966	47.707	ug/l	100
43) Isopropyl Acetate	6.46	43	563564	51.114	ug/l	98
44) Trichloroethene	7.21	130	273703	45.912	ug/l	98
45) 1,2-Dichloropropane	7.51	63	245765	49.139	ug/l	95
46) Dibromomethane	7.66	93	171304	48.735	ug/l	97
47) Bromodichloromethane	7.90	83	301465	50.386	ug/l	98
48) Methyl methacrylate	7.77	41	286200	50.547	ug/l	97
49) 1,4-Dioxane	7.76	88	134270	1038.733	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1871646	264.143	ug/l	99
52) Toluene	8.79	92	610915	47.778	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	329775	49.706	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	368681	50.320	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	264975	51.773	ug/l	98
56) Ethyl methacrylate	9.18	69	393635	52.684	ug/l	96
57) 1,3-Dichloropropane	9.37	76	420456	50.145	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	997280	259.600	ug/l	99
59) 2-Hexanone	9.49	43	1415711	262.182	ug/l	99
60) Dibromochloromethane	9.59	129	267595	53.845	ug/l	98
61) 1,2-Dibromoethane	9.67	107	286854	50.911	ug/l	99
64) Tetrachloroethene	9.34	164	273136	46.186	ug/l	96
65) Chlorobenzene	10.14	112	714944	47.989	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	261531	52.183	ug/l	98
67) Ethyl Benzene	10.25	91	1187494	48.282	ug/l	98
68) m/p-Xylenes	10.36	106	934861	96.476	ug/l	100
69) o-Xylene	10.70	106	459648	48.639	ug/l	98
70) Styrene	10.71	104	744413	49.736	ug/l	99
71) Bromoform	10.86	173	202419	45.603	ug/l	99
73) Isopropylbenzene	11.02	105	1223067	49.214	ug/l	99
74) N-amyl acetate	10.90	43	506154	50.585	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	387922	49.168	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	362668m	50.779	ug/l	
77) Bromobenzene	11.26	156	328979	48.043	ug/l	99
78) n-propylbenzene	11.36	91	1353364	49.606	ug/l	99
79) 2-Chlorotoluene	11.42	91	797516	48.562	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	997748	48.048	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	105655	45.049	ug/l	98
82) 4-Chlorotoluene	11.51	91	918473	48.303	ug/l	100
83) tert-Butylbenzene	11.77	119	1027384	49.588	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1026816	49.173	ug/l	99
85) sec-Butylbenzene	11.94	105	1217980	49.224	ug/l	99
86) p-Isopropyltoluene	12.06	119	1087050	49.116	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	586792	47.410	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	585617	49.938	ug/l	100
89) n-Butylbenzene	12.39	91	928076	49.190	ug/l	98
90) Hexachloroethane	12.60	117	170013	48.227	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	581151	47.579	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	85438	54.754	ug/l	96

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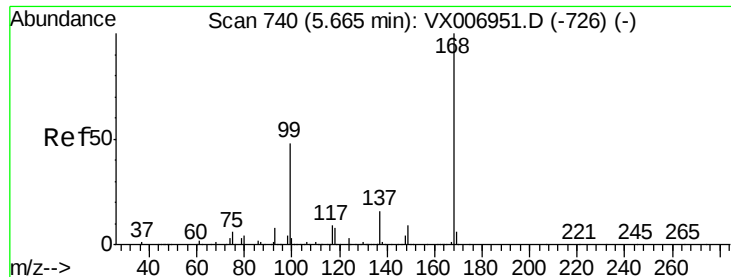
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	412408	49.214	ug/l	99
94) Hexachlorobutadiene	13.78	225	190573	51.247	ug/l	99
95) Naphthalene	13.83	128	1284492	50.585	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	408591	49.083	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 503890

Ion Ratio Lower Upper

168 100

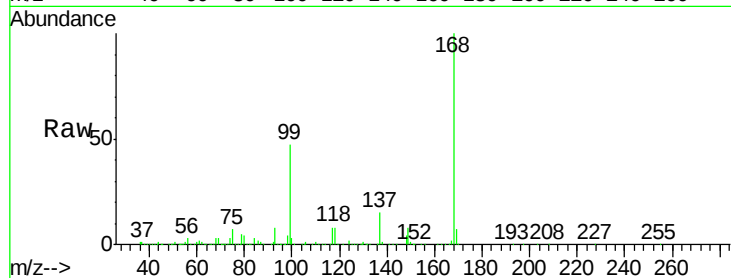
99 46.9 41.8 62.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

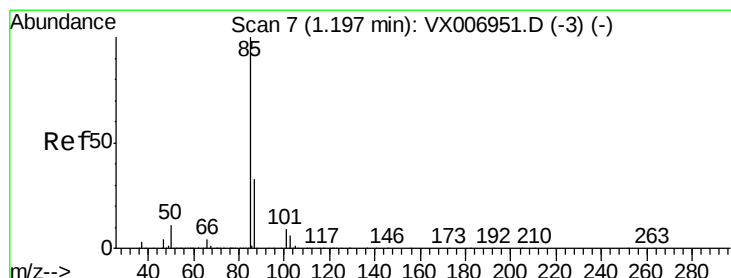
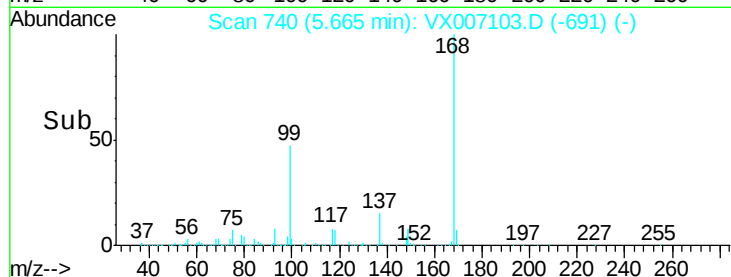
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.572 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007103.D

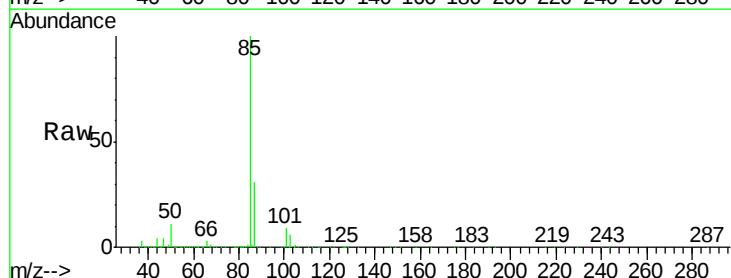
Acq: 17 Jan 2019 22:02

Tgt Ion: 85 Resp: 205126

Ion Ratio Lower Upper

85 100

87 30.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

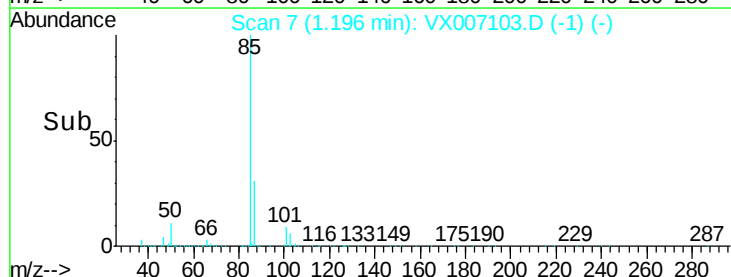
150000

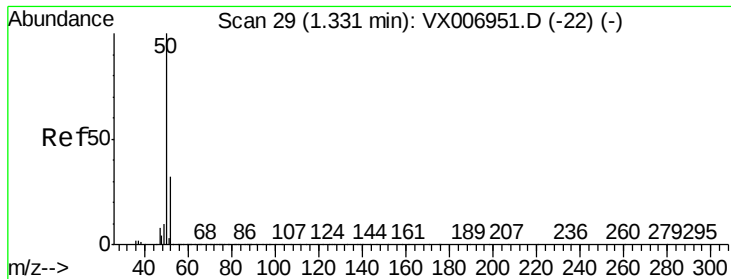
100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 46.619 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 224566

Ion Ratio Lower Upper

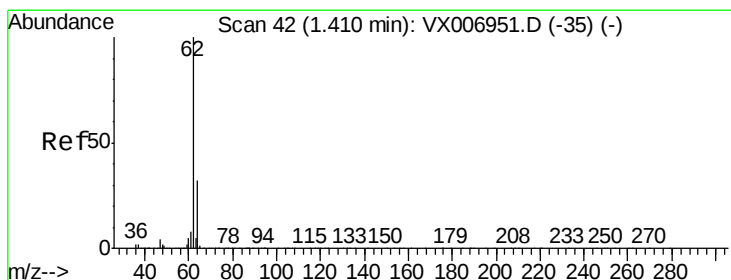
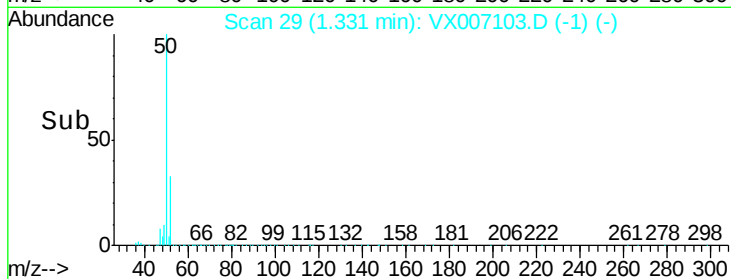
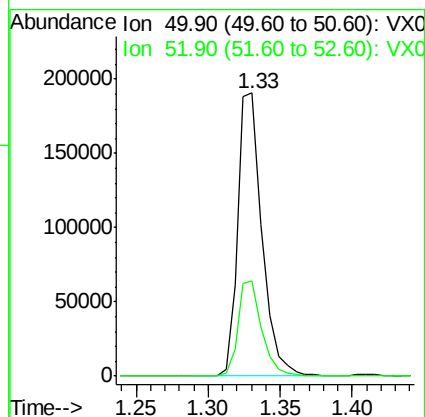
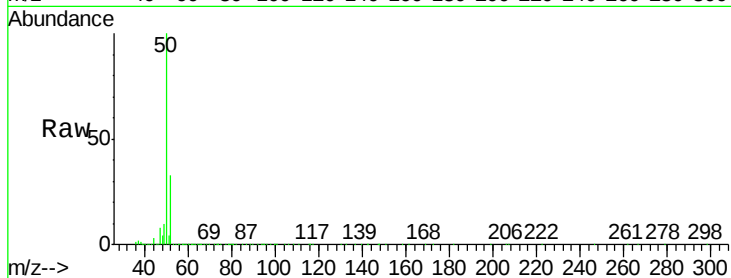
50 100

52 33.4 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 46.892 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007103.D

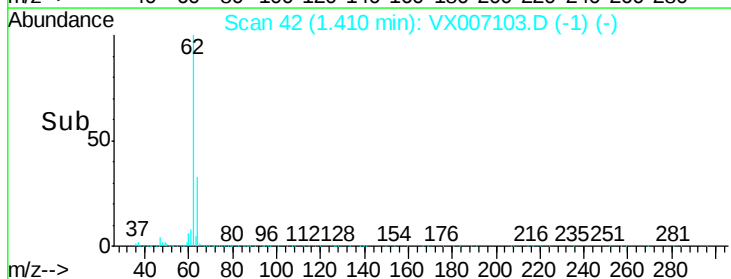
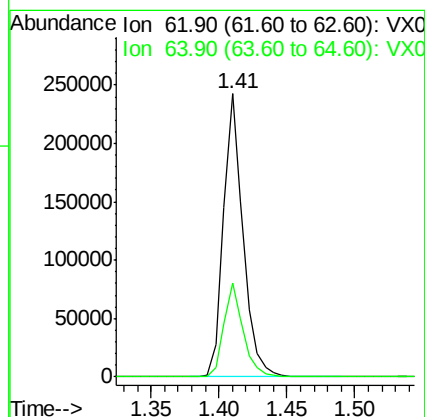
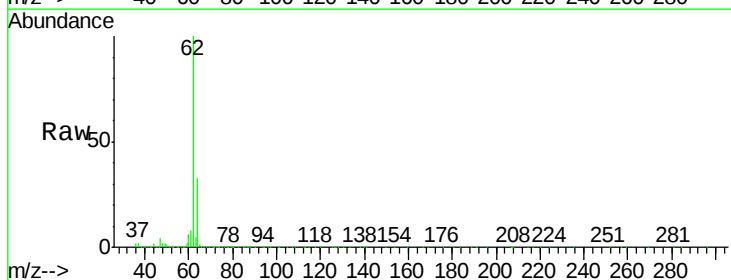
Acq: 17 Jan 2019 22:02

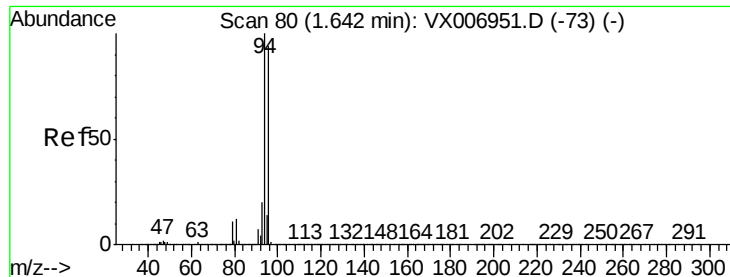
Tgt Ion: 62 Resp: 242984

Ion Ratio Lower Upper

62 100

64 33.0 25.1 37.7





#5

Bromomethane

Concen: 43.594 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 241343

Ion Ratio Lower Upper

94 100

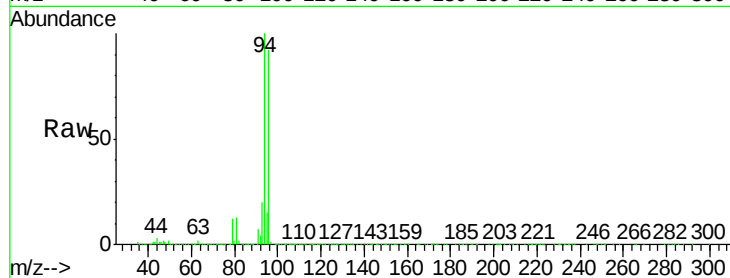
96 92.2 73.4 110.2

Manual Integrations

APPROVED

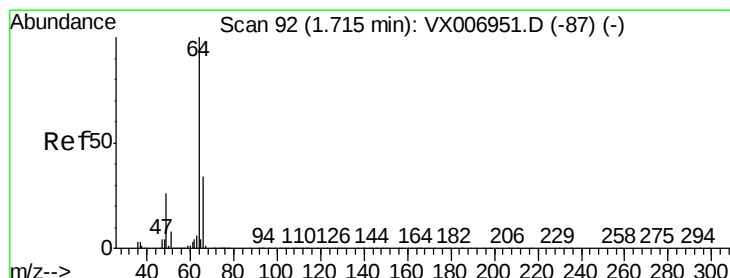
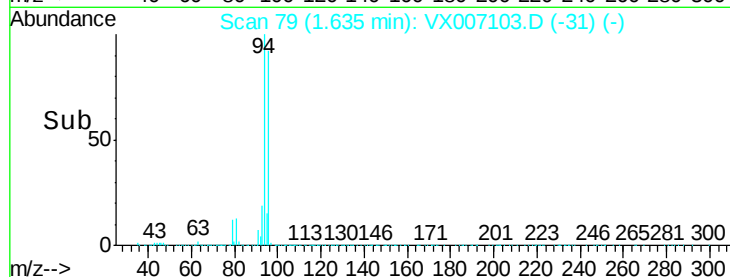
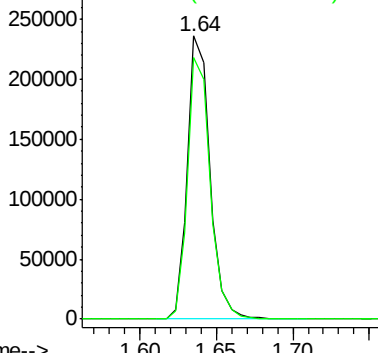
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.502 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX007103.D

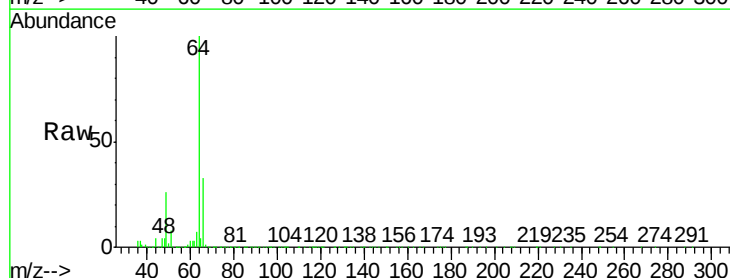
Acq: 17 Jan 2019 22:02

Tgt Ion: 64 Resp: 164632

Ion Ratio Lower Upper

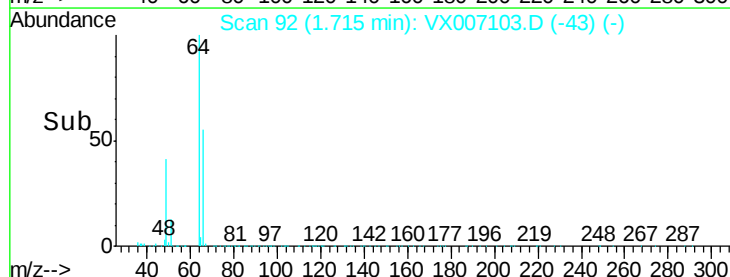
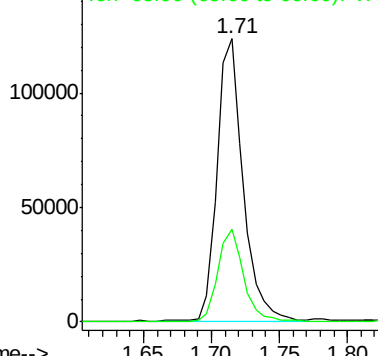
64 100

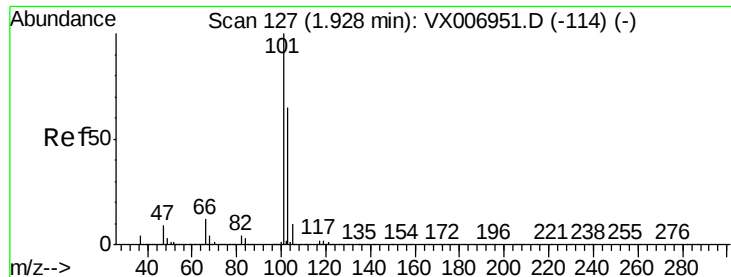
66 32.7 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

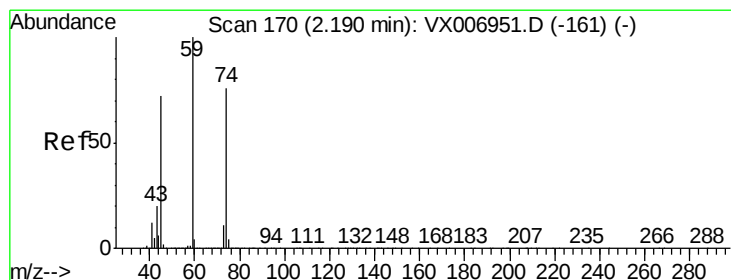
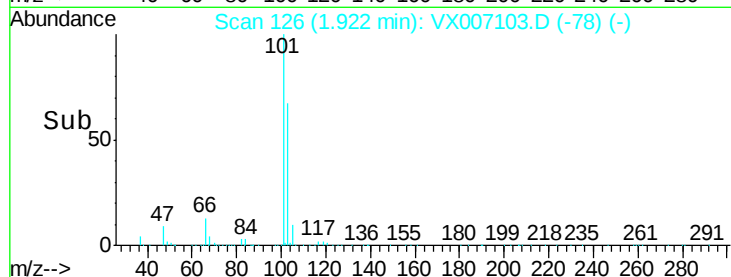
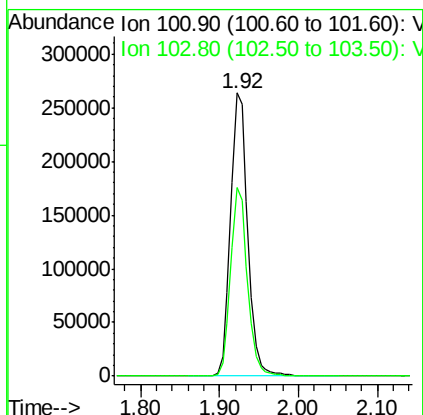
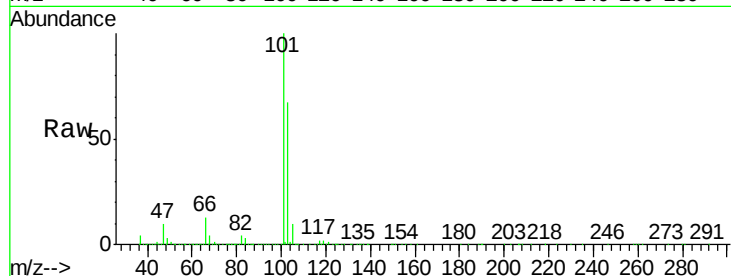
Trichlorofluoromethane
Concen: 47.868 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.9	53.2	79.8

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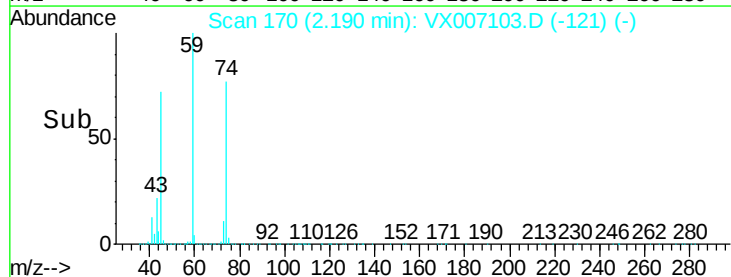
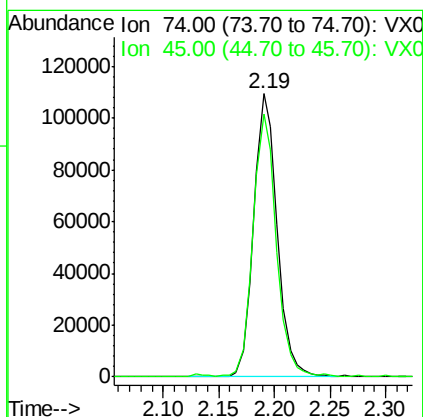
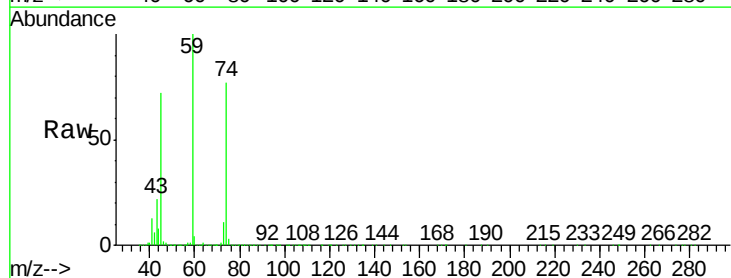
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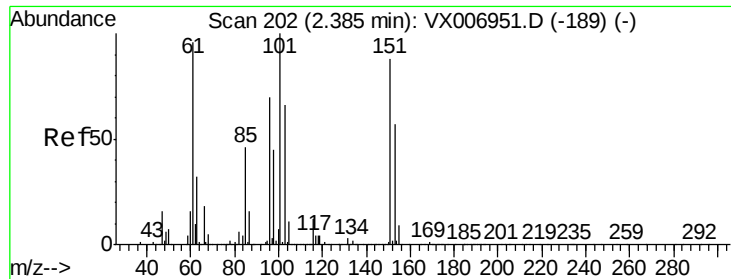


#8

Diethyl Ether
Concen: 48.316 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.0	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.192 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

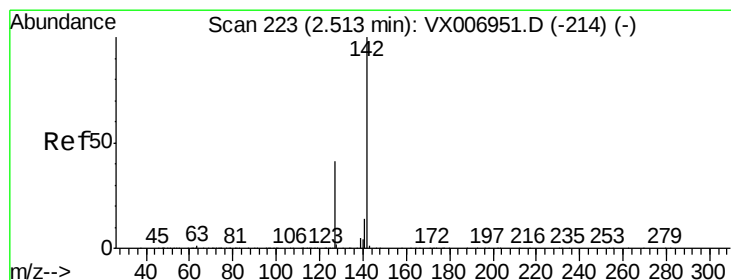
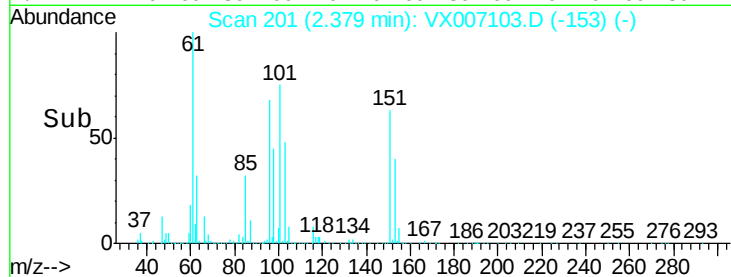
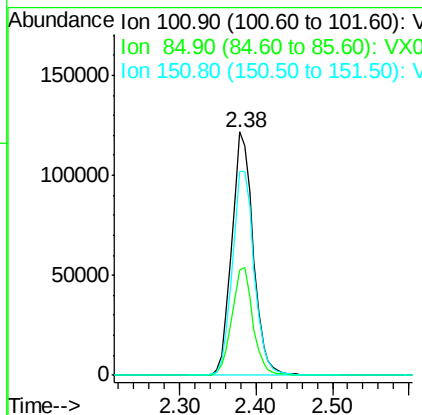
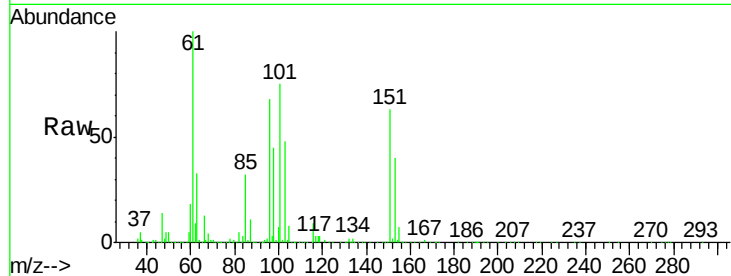
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	236552
Ion Ratio	Lower	Upper	
101	100		
85	43.4	35.1	52.7
151	85.7	68.9	103.3

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#10

Methyl Iodide

Concen: 51.644 ug/l

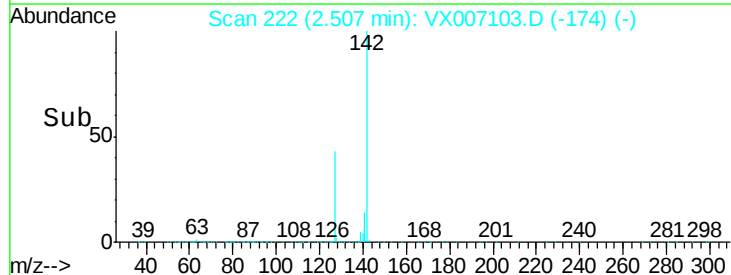
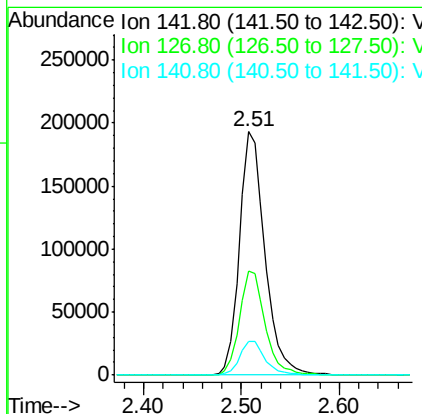
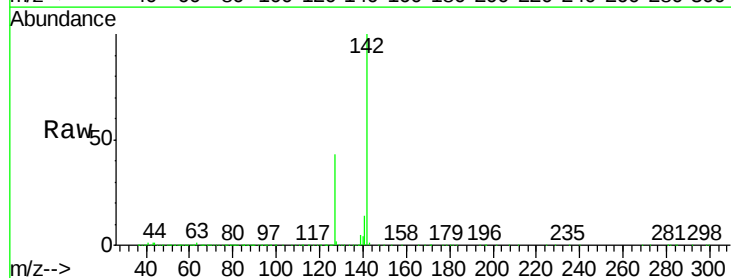
RT: 2.51 min Scan# 222

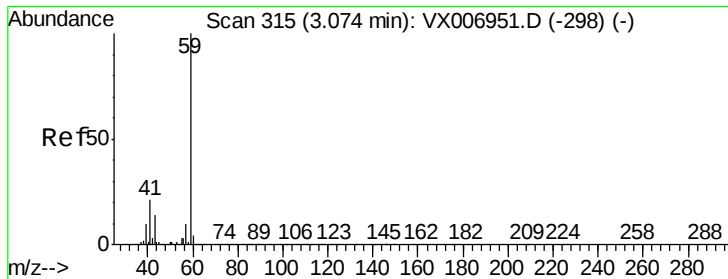
Delta R.T. -0.01 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Tgt Ion:	142	Resp:	349194
Ion Ratio	Lower	Upper	
142	100		
127	43.3	33.9	50.9
141	14.1	11.4	17.0





#11

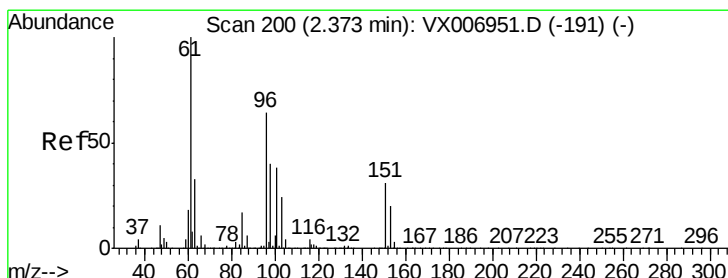
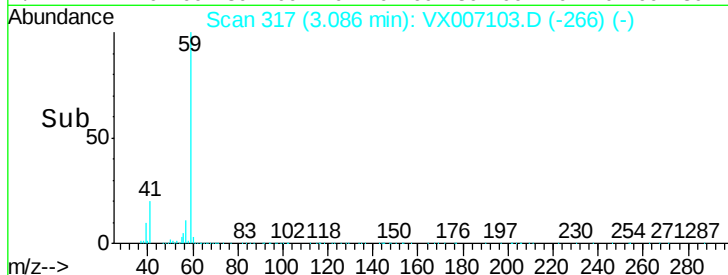
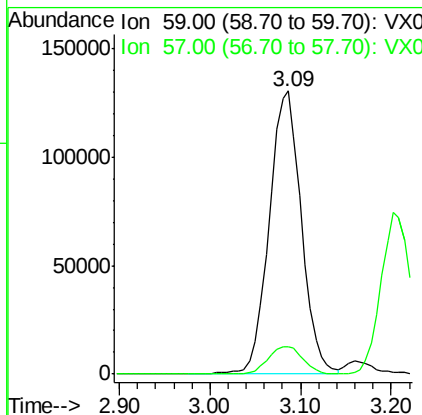
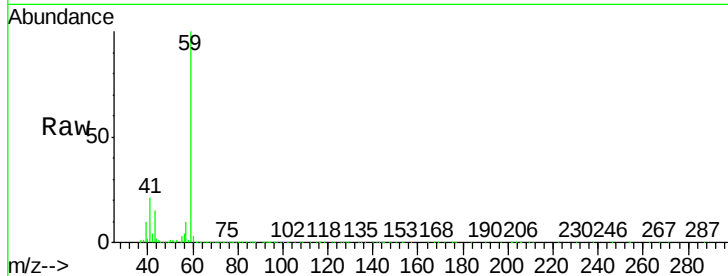
Tert butyl alcohol
Concen: 256.651 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.5	12.7

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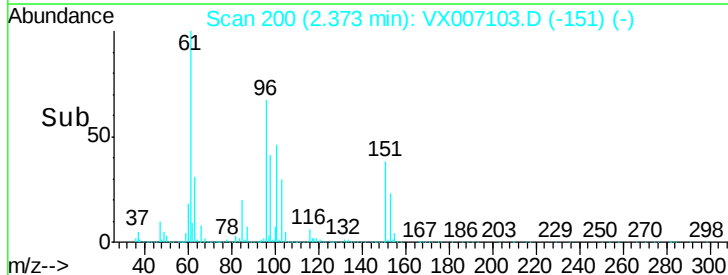
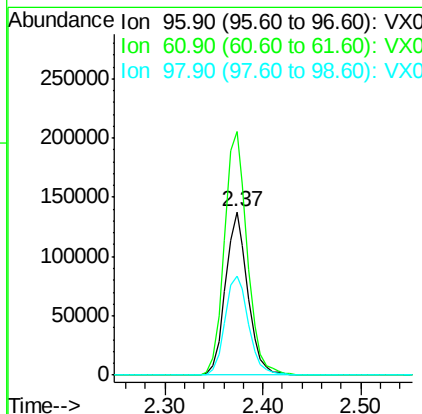
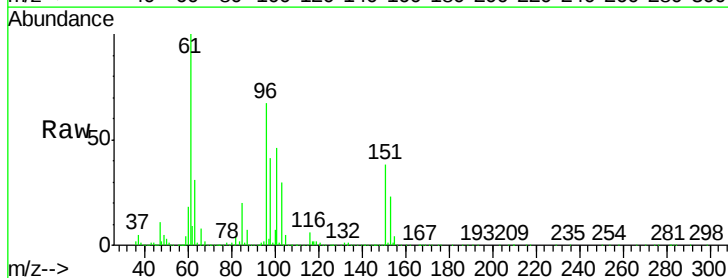
MMDadoda
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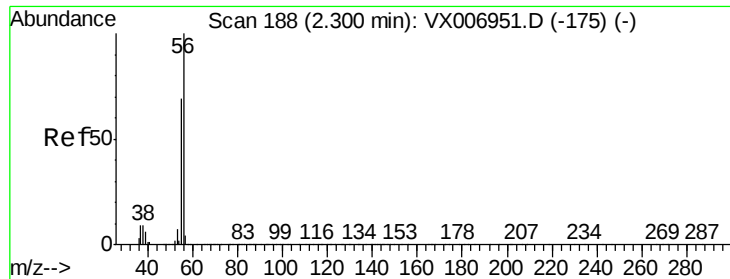


#12

1,1-Dichloroethene
Concen: 46.983 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.8	121.4	182.2
98	60.4	51.9	77.9





#13

Acrolein

Concen: 251.420 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 134709

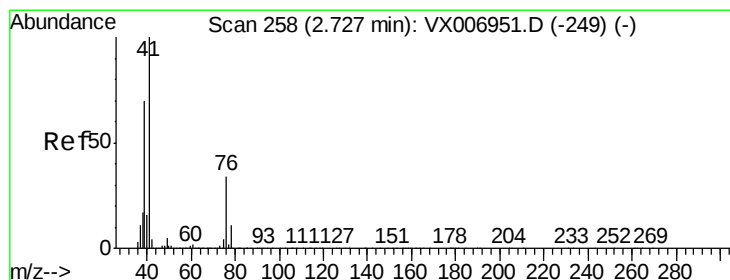
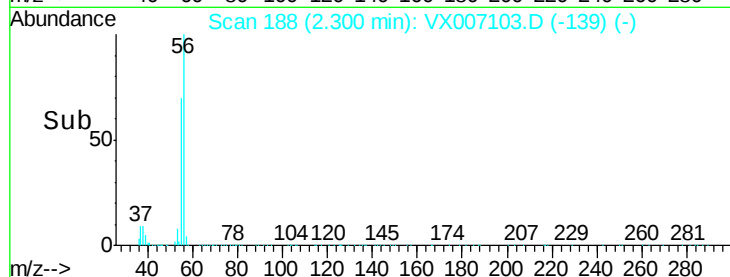
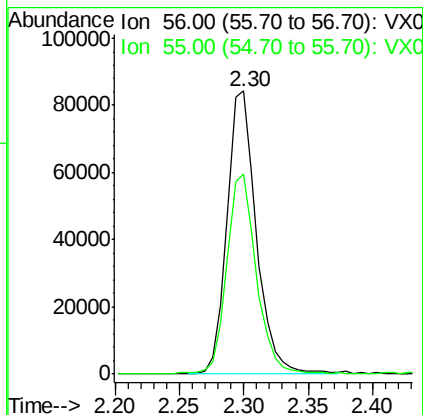
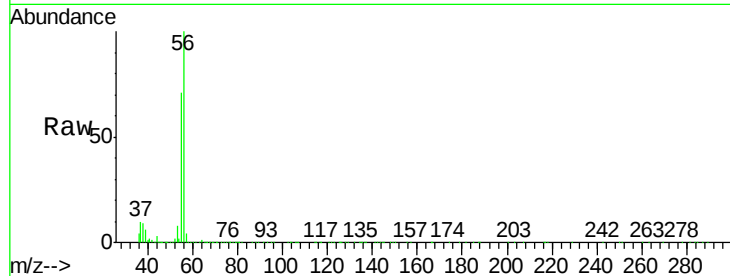
Ion Ratio Lower Upper

56 100

55 70.7 58.2 87.4

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#14

Allyl chloride

Concen: 48.357 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

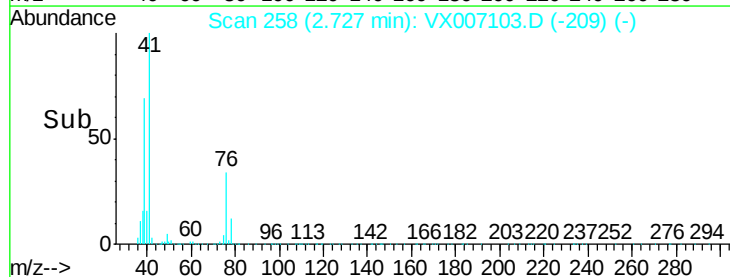
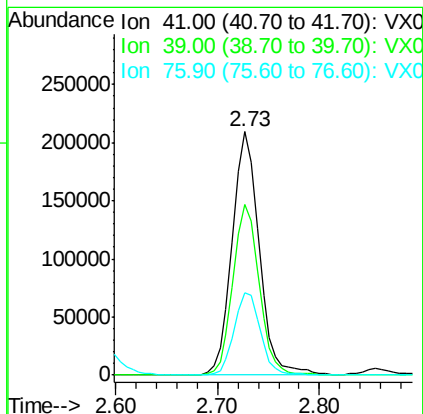
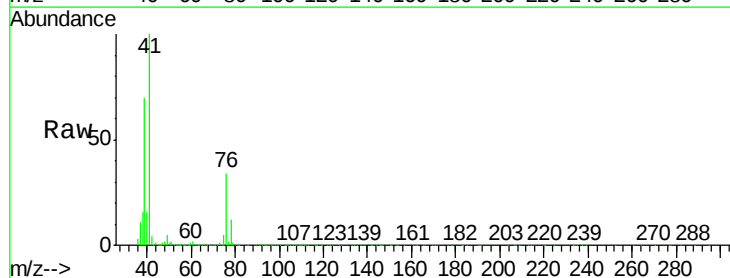
Tgt Ion: 41 Resp: 383806

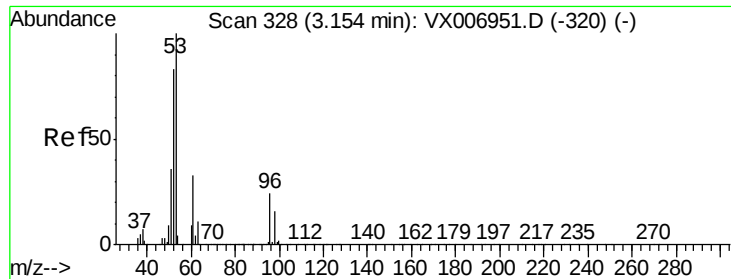
Ion Ratio Lower Upper

41 100

39 68.0 53.6 80.4

76 32.8 27.4 41.2





#15

Acrylonitrile

Concen: 259.252 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

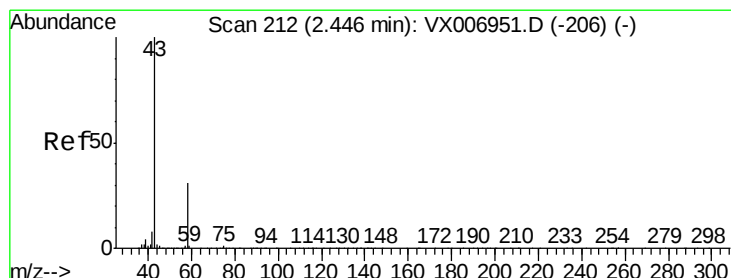
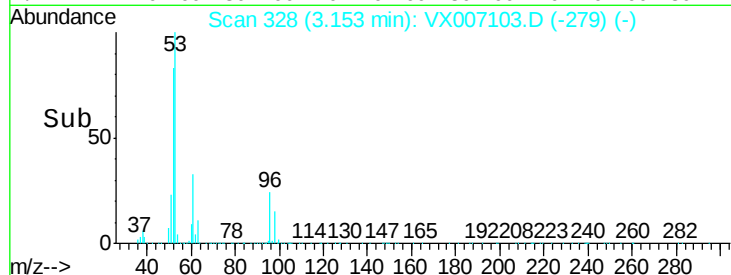
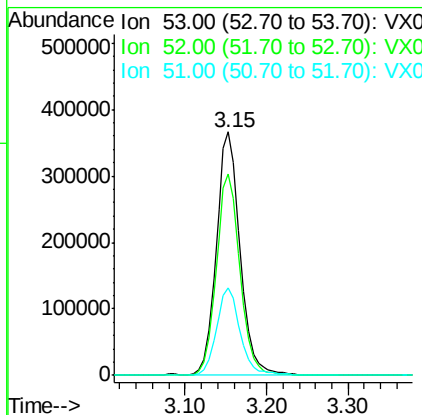
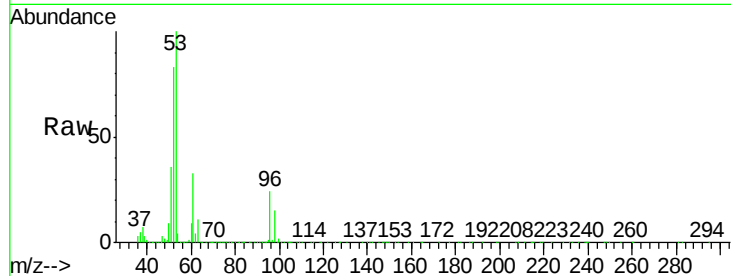
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	739314
Ion Ratio		Lower	Upper
53	100		
52	82.6	66.0	99.0
51	36.1	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 243.949 ug/l

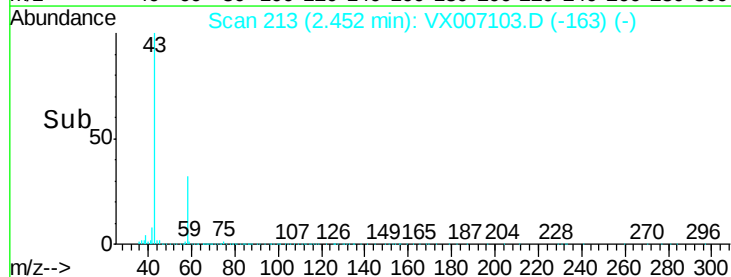
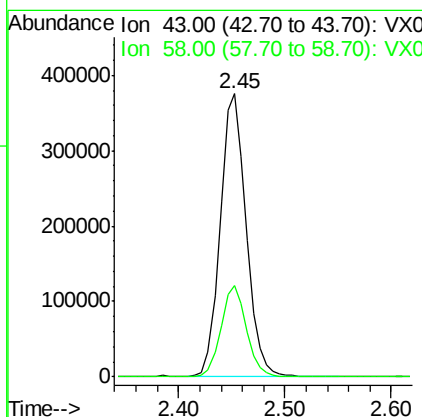
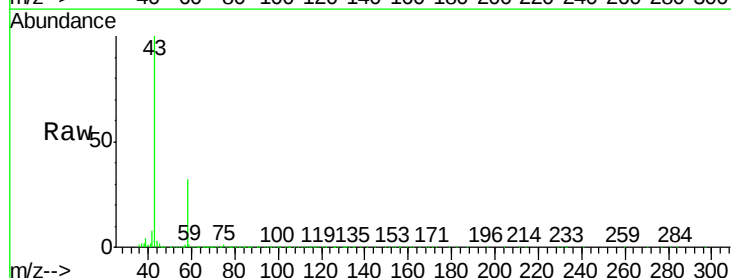
RT: 2.45 min Scan# 213

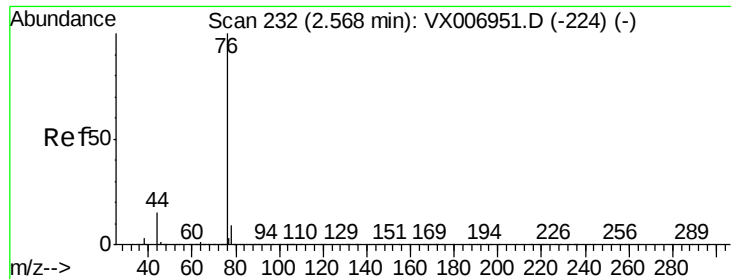
Delta R.T. 0.01 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Tgt Ion:	43	Resp:	635093
Ion Ratio		Lower	Upper
43	100		
58	32.3	25.0	37.6





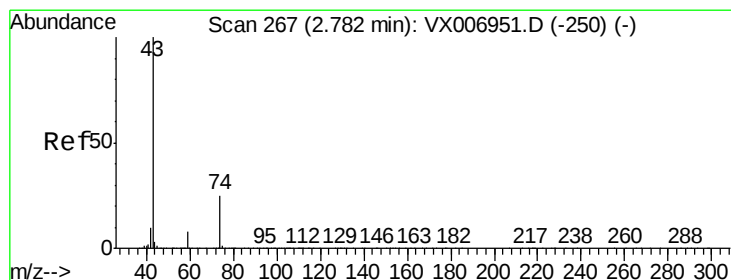
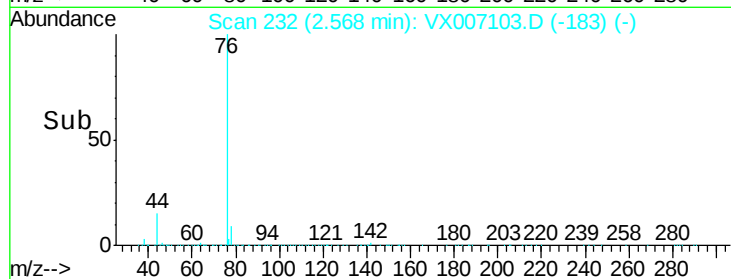
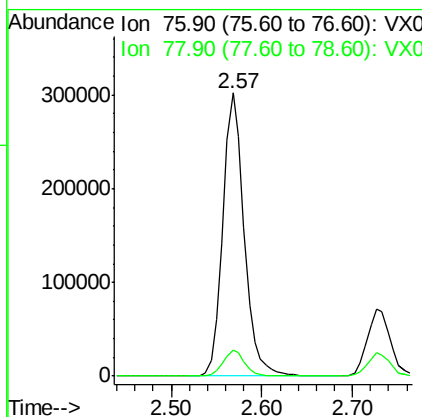
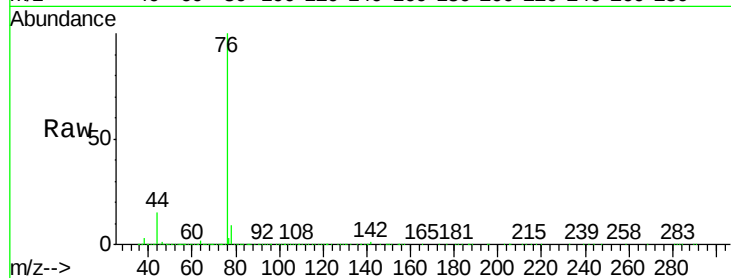
#17
Carbon Disulfide
Concen: 41.505 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.6

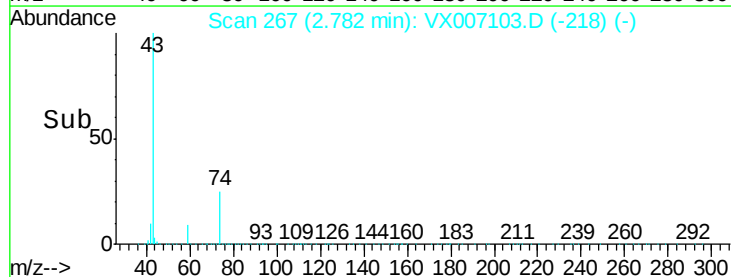
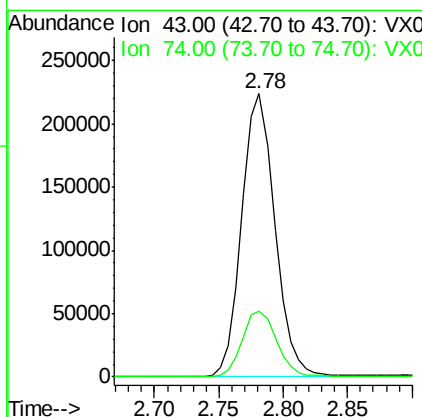
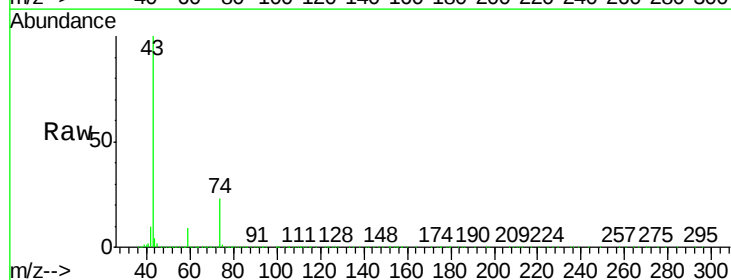
Manual Integrations
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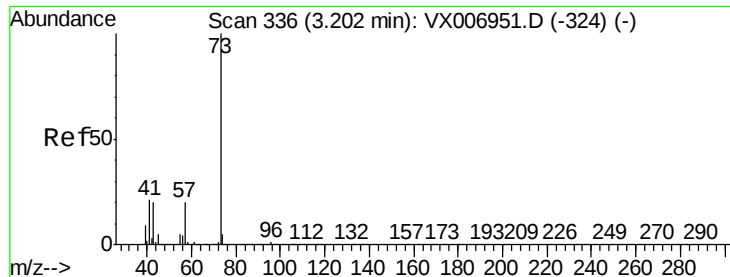
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#18
Methyl Acetate
Concen: 52.837 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	18.6	28.0





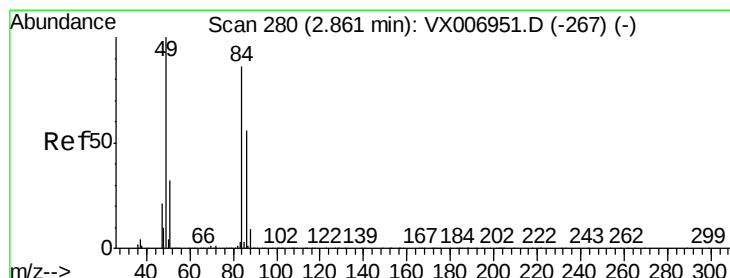
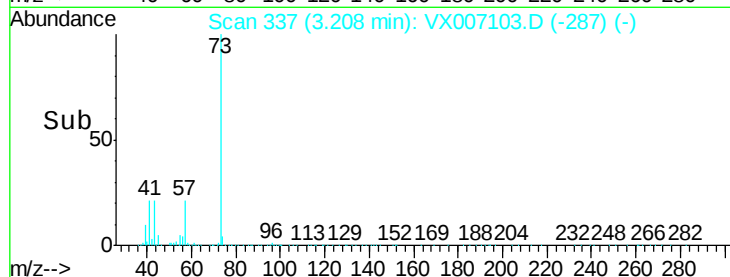
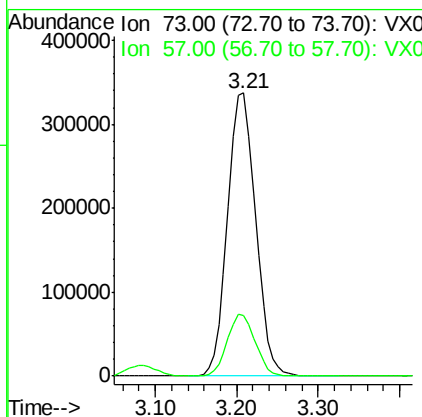
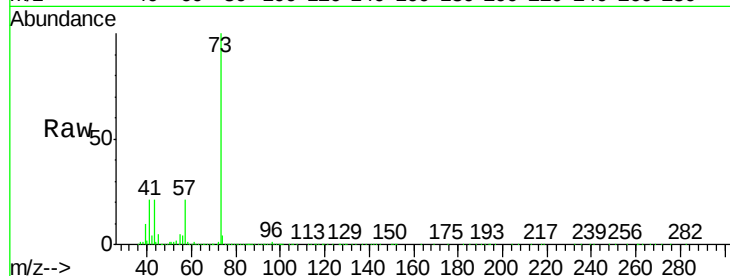
#19
Methyl tert-butyl Ether
Concen: 49.967 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.8	25.2

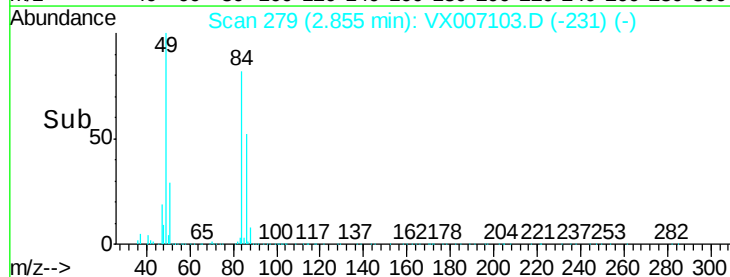
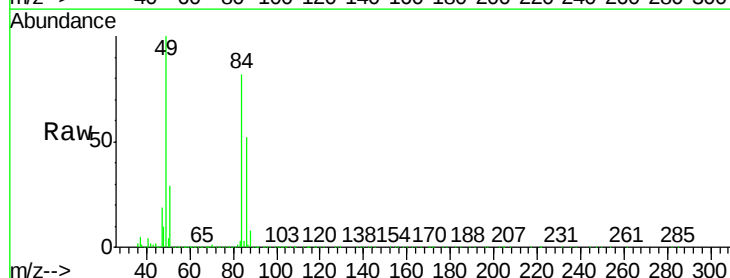
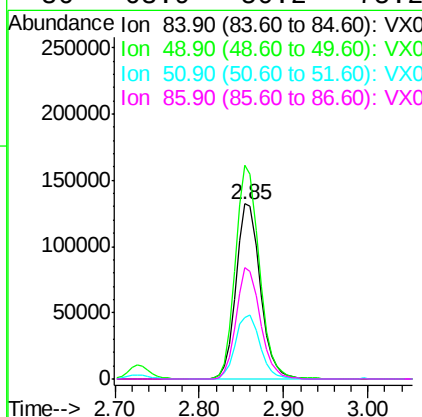
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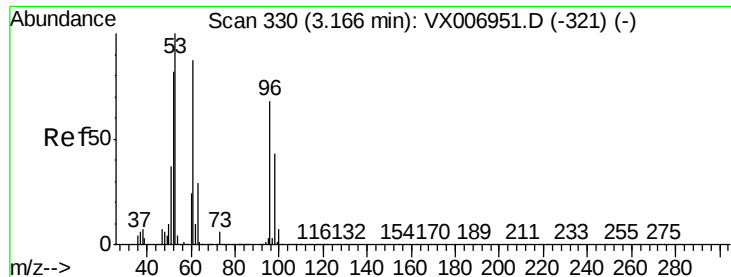
MMDadoda
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#20
Methylene Chloride
Concen: 51.755 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.0	91.8	137.6
51	35.4	28.5	42.7
86	63.9	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 46.019 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

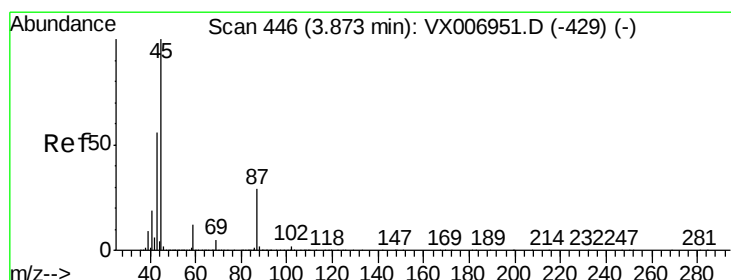
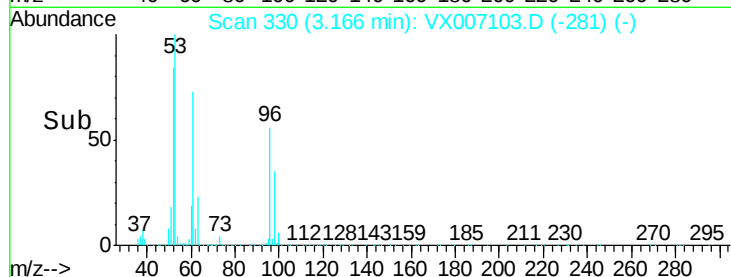
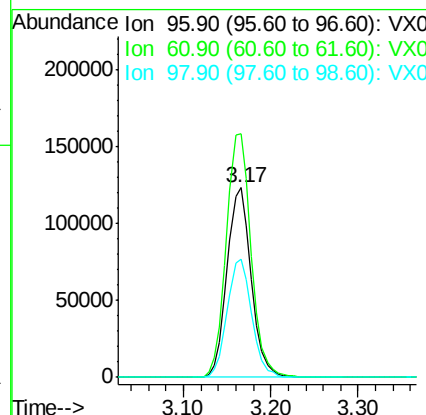
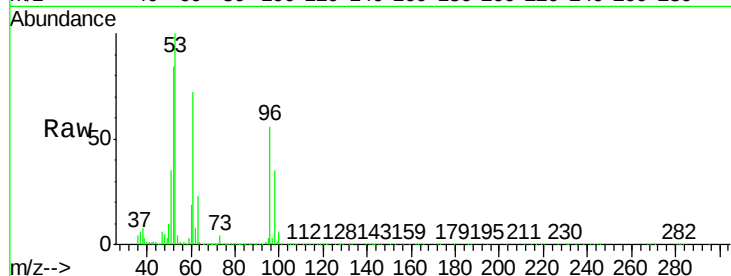
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	237499
Ion	Ratio	Lower	Upper
96	100		
61	128.4	103.7	155.5
98	62.5	51.0	76.6

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#22

Diisopropyl ether

Concen: 49.470 ug/l

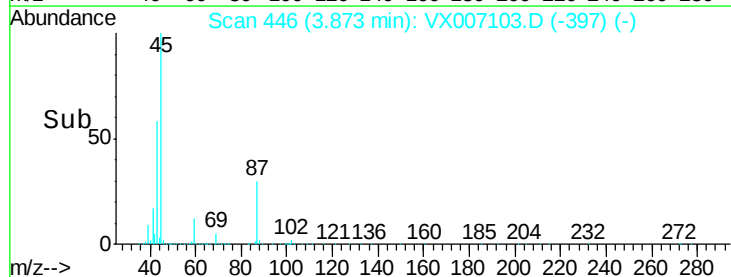
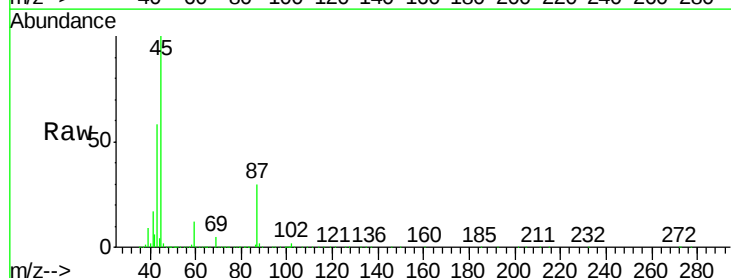
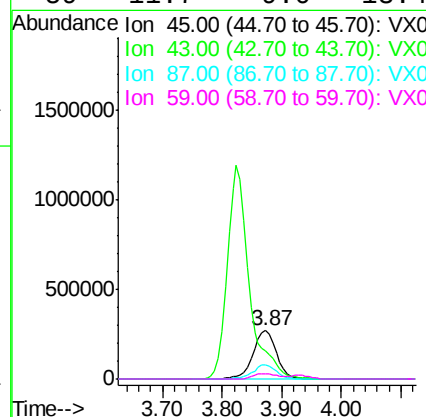
RT: 3.87 min Scan# 446

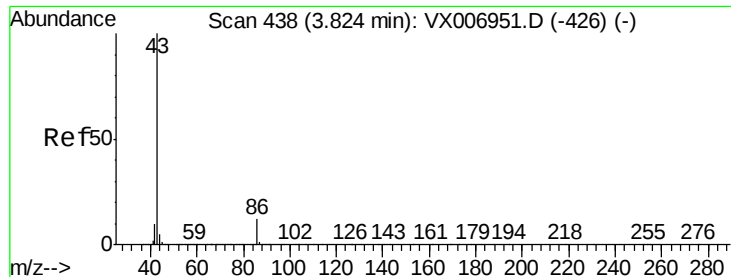
Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Tgt Ion:	45	Resp:	738150
Ion	Ratio	Lower	Upper
45	100		
43	58.1	51.2	76.8
87	30.2	25.8	38.6
59	11.7	9.0	13.4





#23

Vinyl Acetate

Concen: 242.387 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050

Tot Ion: 43 Resp: 3050051

Ion Ratio Lower Upper

43 100

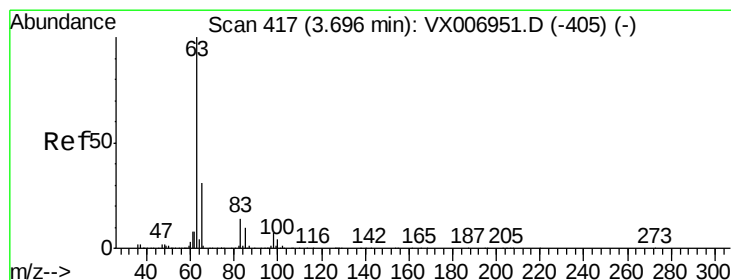
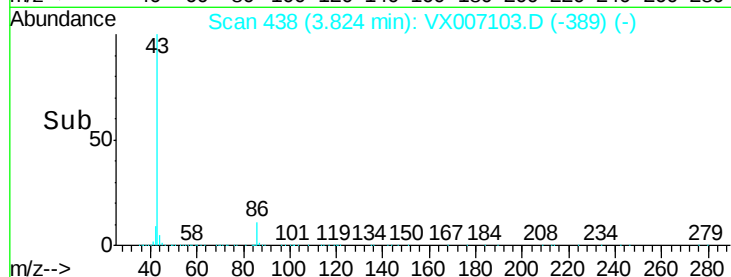
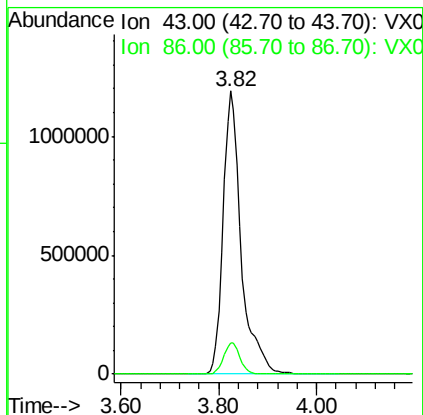
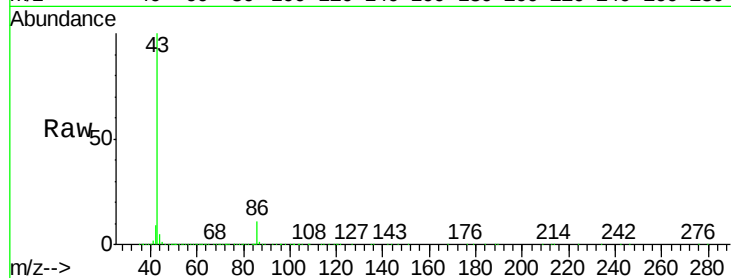
86 11.2 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 48.523 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

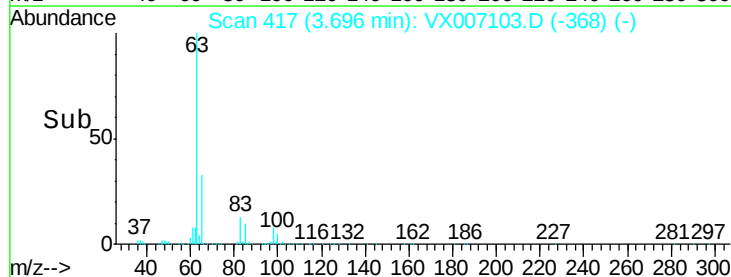
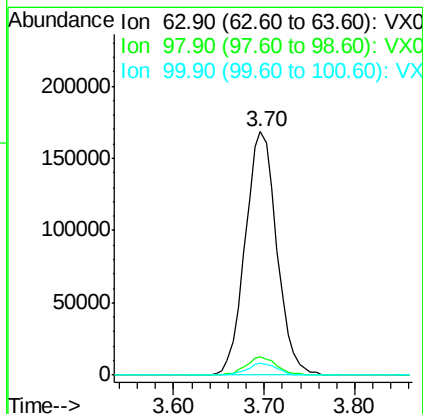
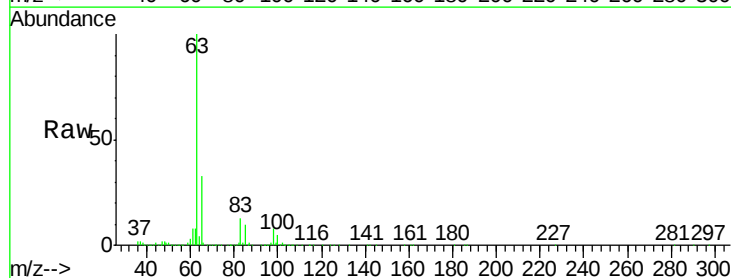
Tgt Ion: 63 Resp: 404847

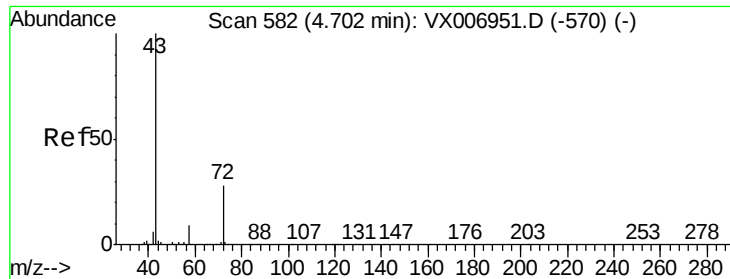
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 5.0 2.4 7.2





#25

2-Butanone

Concen: 254.600 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Tot Ion: 43 Resp: 948401

Ion Ratio Lower Upper

43 100

72 28.3 22.4 33.6

Instrument :

MSVOA_X

ClientSampleId :

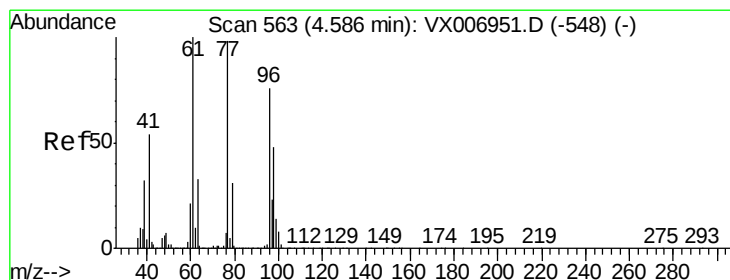
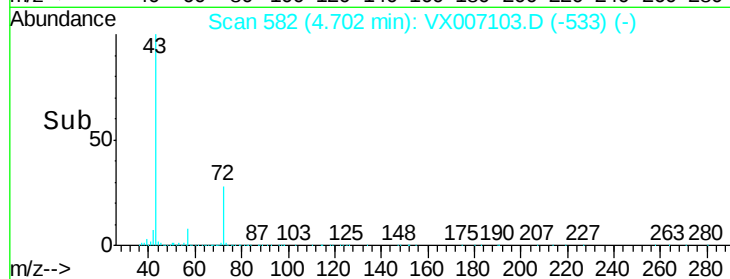
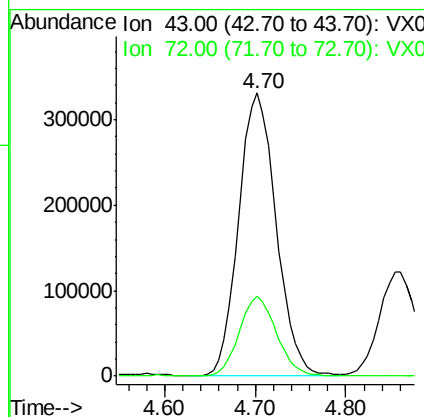
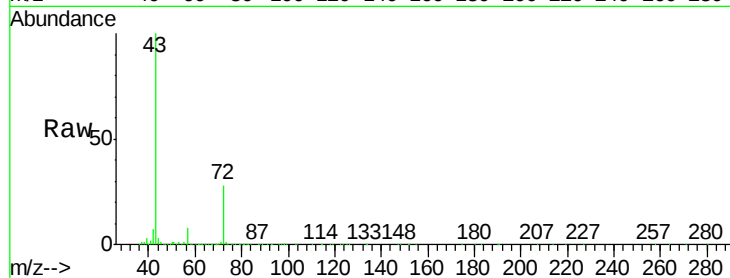
VSTDCCC050

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 42.609 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007103.D

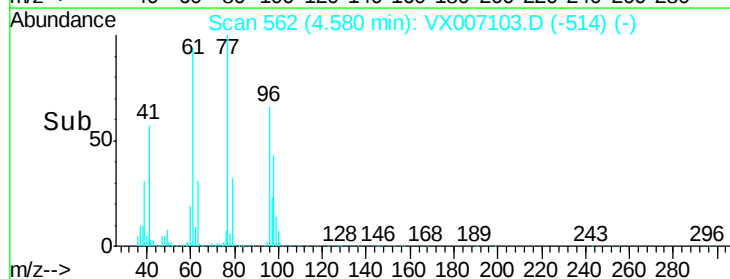
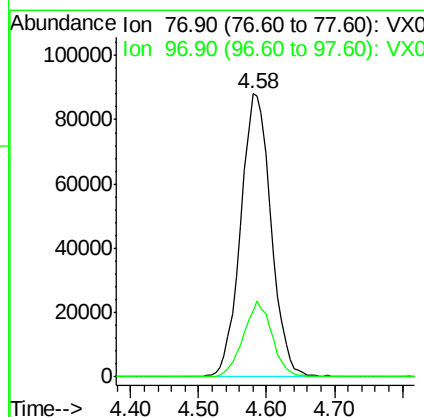
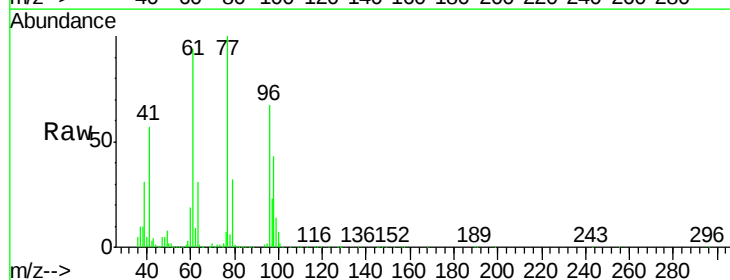
Acq: 17 Jan 2019 22:02

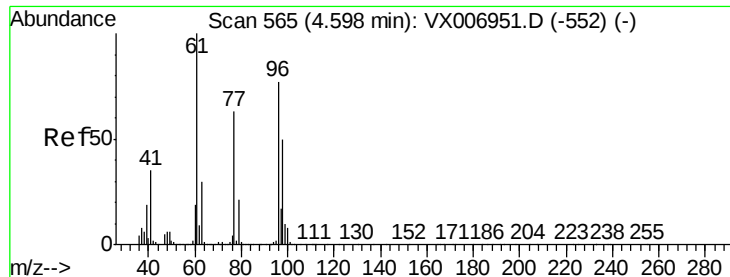
Tgt Ion: 77 Resp: 273370

Ion Ratio Lower Upper

77 100

97 25.3 12.4 37.4





#27

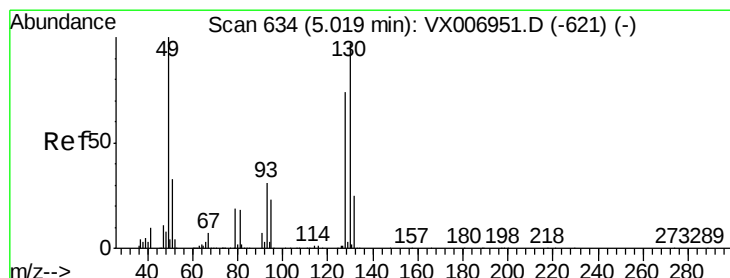
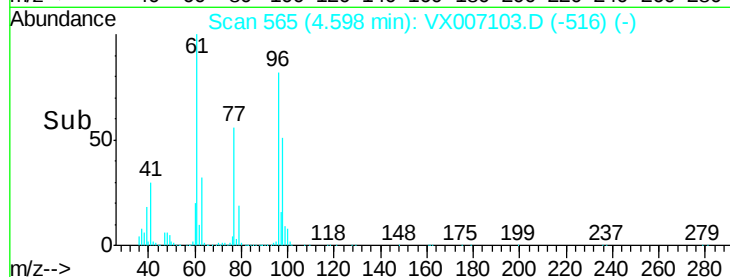
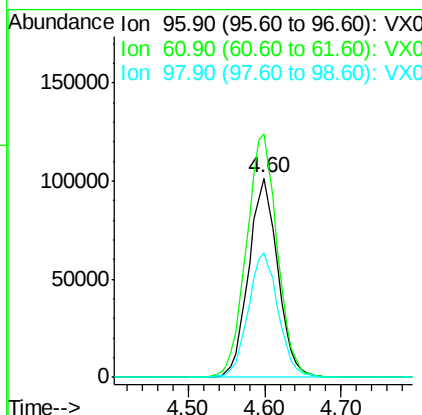
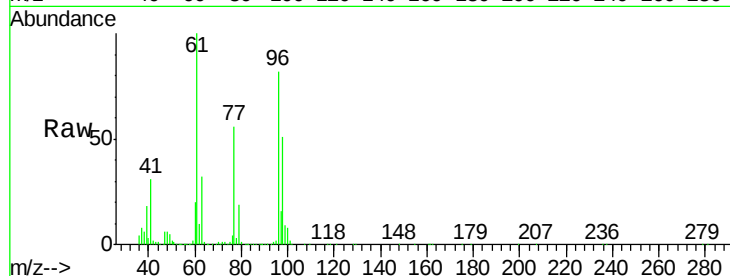
cis-1,2-Dichloroethene
Concen: 47.556 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	270716		
61	129.1	0.0	258.6	
98	64.0	0.0	132.0	

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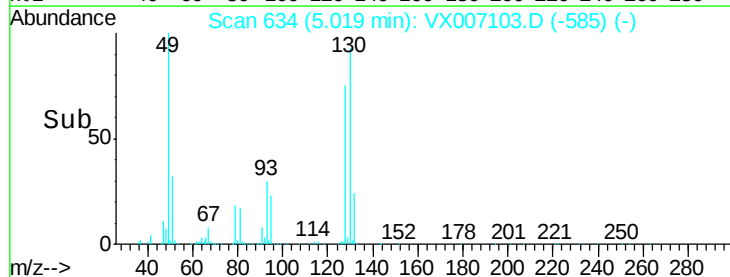
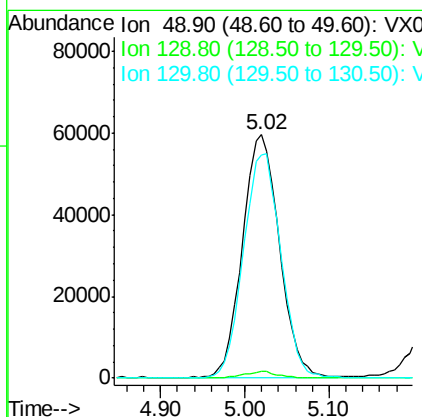
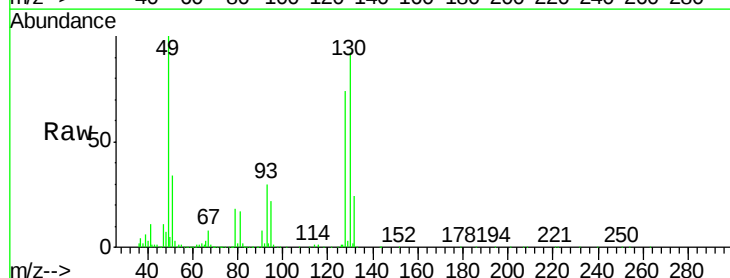
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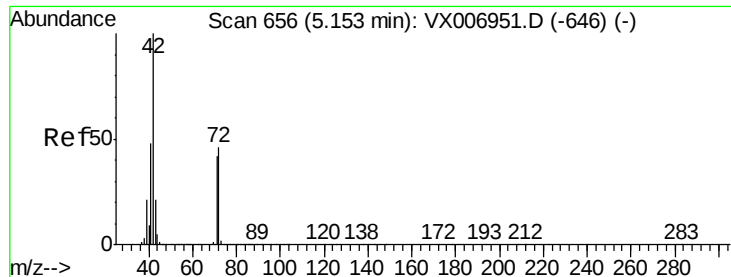


#28

Bromochloromethane
Concen: 48.585 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	177605		
129	2.6	0.0	5.4	
130	93.5	77.7	116.5	





#29

Tetrahydrofuran

Concen: 255.002 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

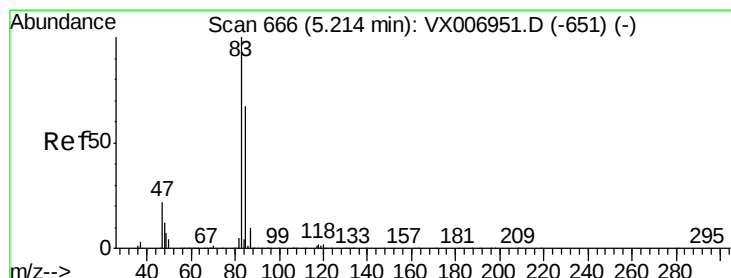
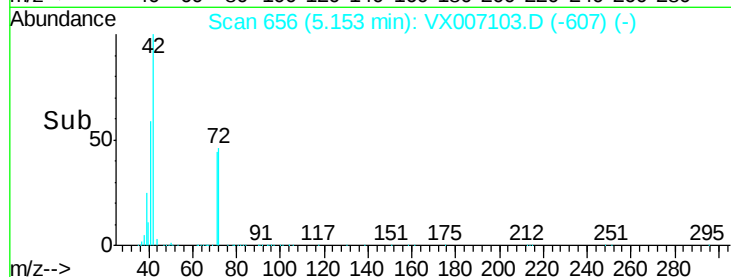
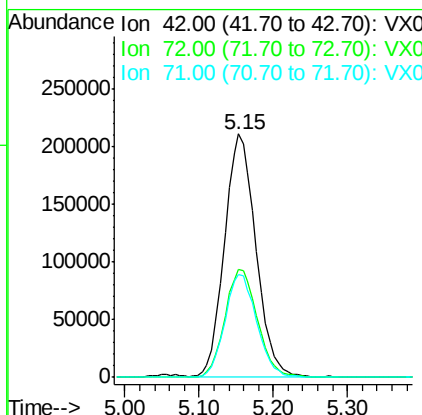
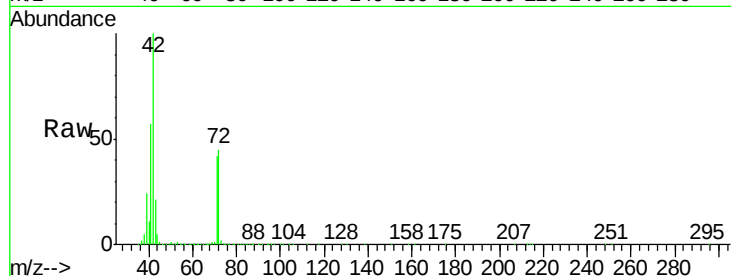
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	617315
Ion	Ratio	Lower	Upper
42	100		
72	46.5	38.9	58.3
71	43.3	36.2	54.4

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#30

Chloroform

Concen: 48.856 ug/l

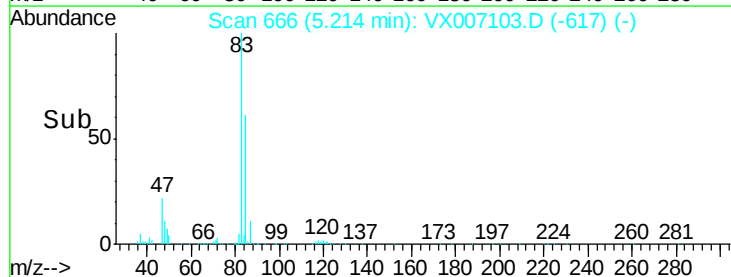
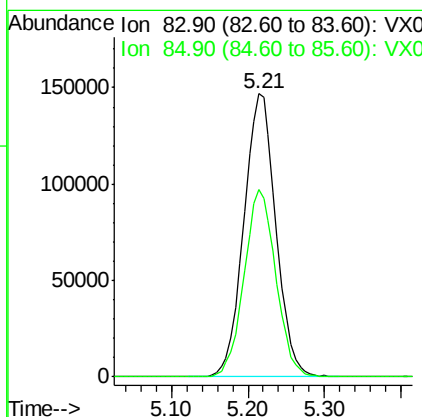
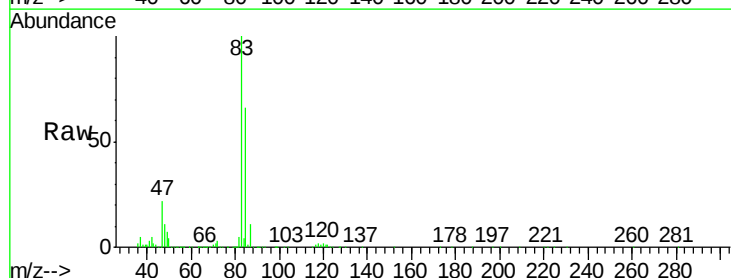
RT: 5.21 min Scan# 666

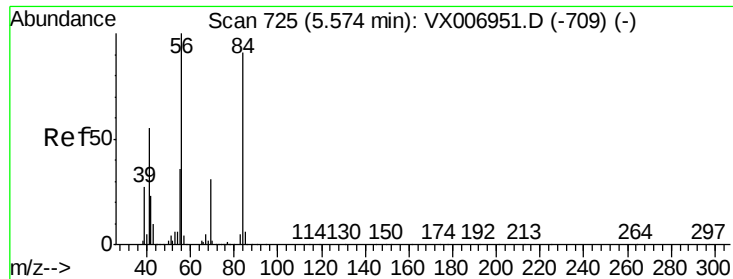
Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Tgt Ion:	83	Resp:	426787
Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.2	76.8





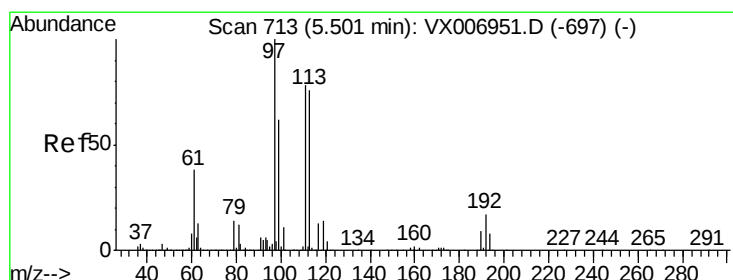
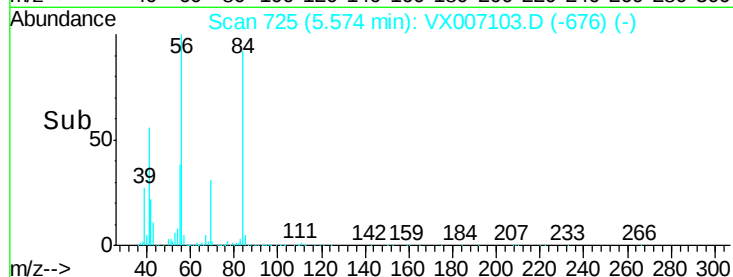
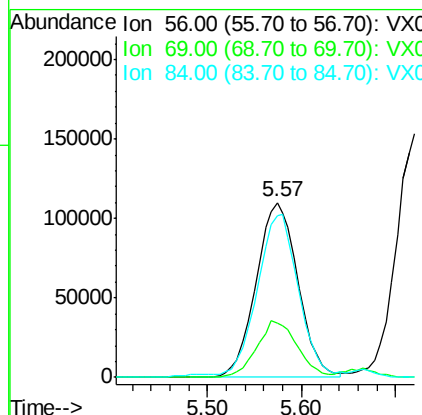
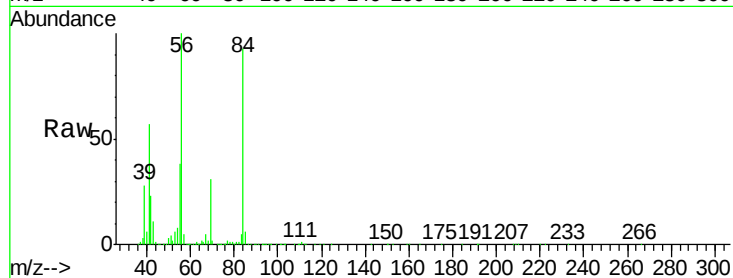
#31
Cyclohexane
Concen: 45.860 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.4	36.6
84	91.2	70.0	105.0

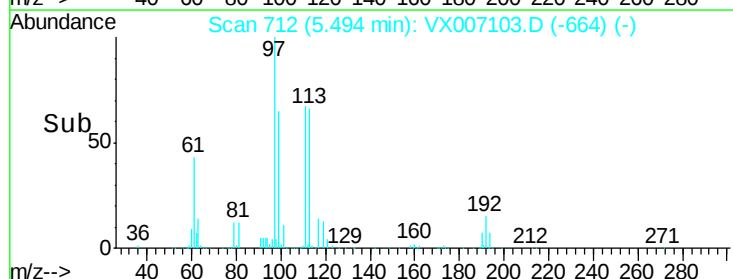
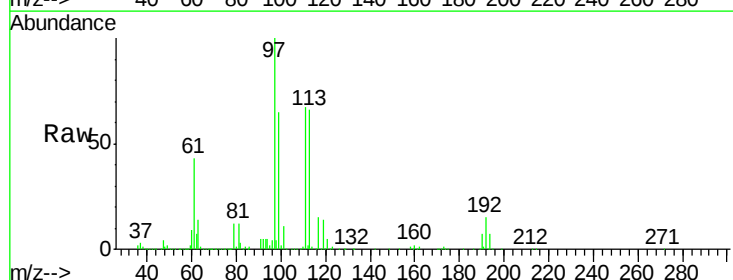
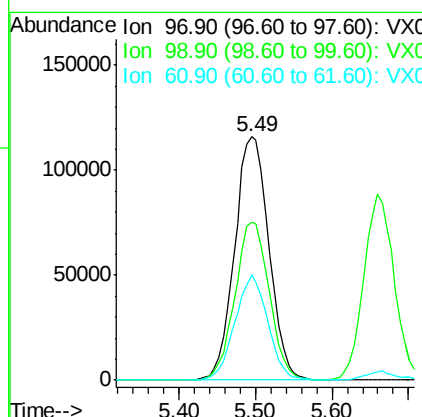
Manual Integrations
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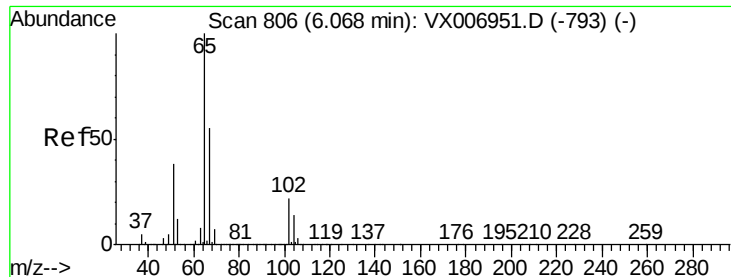
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#32
1,1,1-Trichloroethane
Concen: 48.701 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.7	77.5
61	41.4	31.3	46.9





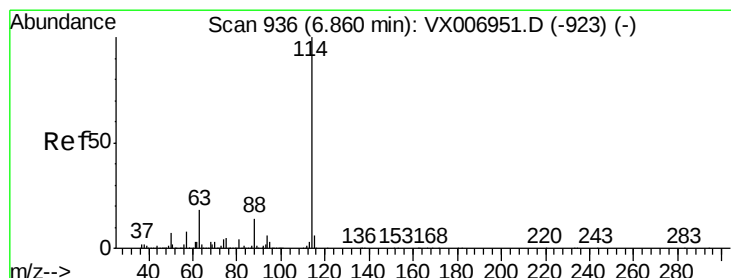
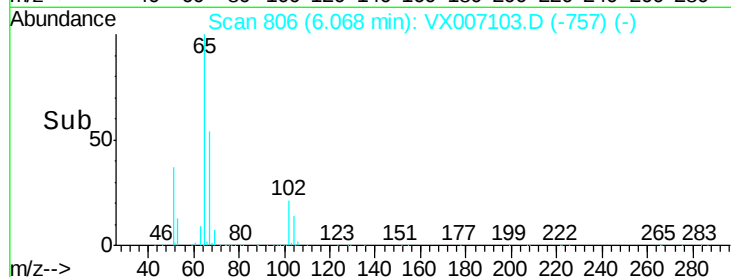
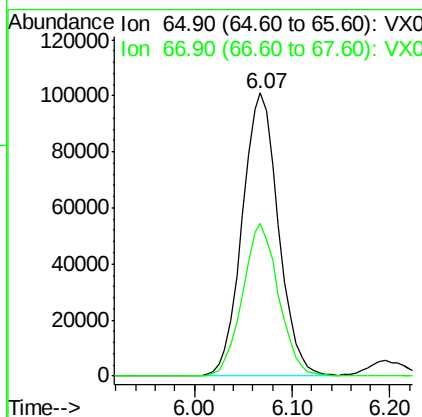
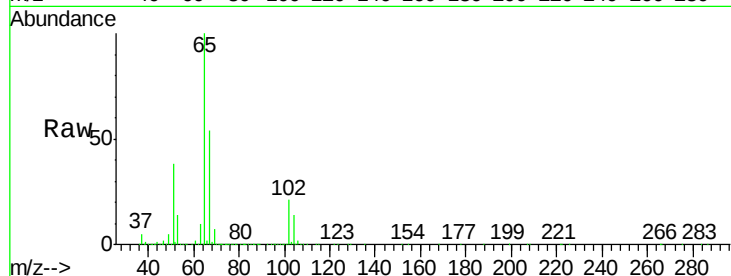
#33
 1,2-Dichloroethane-d4
 Concen: 49.250 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007103.D
 Acq: 17 Jan 2019 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	259355		
67	53.9	0.0	105.0	

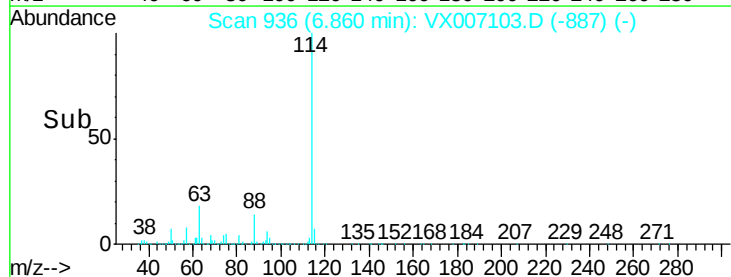
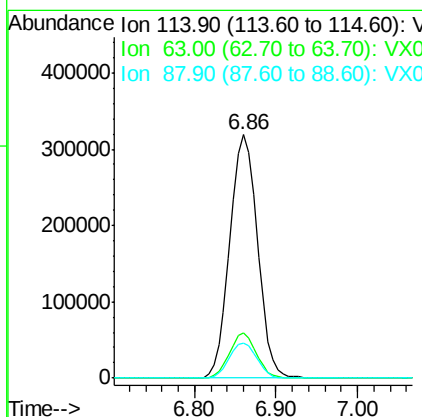
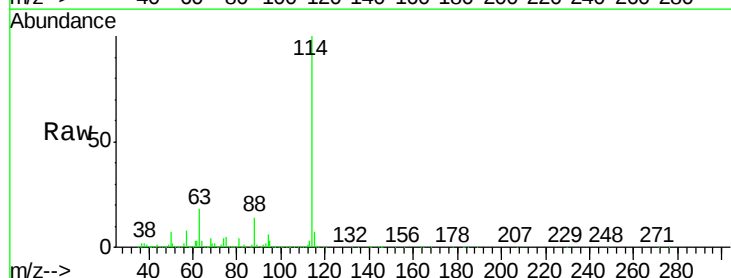
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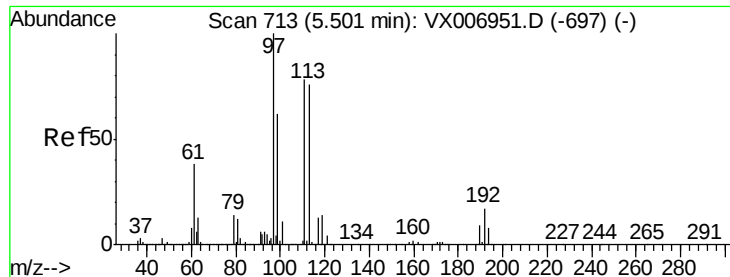
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007103.D
 Acq: 17 Jan 2019 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	749914		
63	18.4	0.0	34.8	
88	14.2	0.0	28.8	





#35

Dibromofluoromethane

Concen: 49.239 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

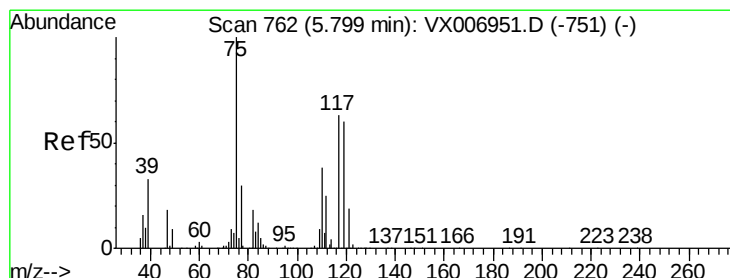
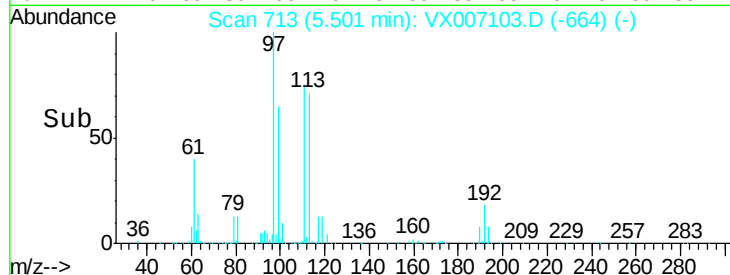
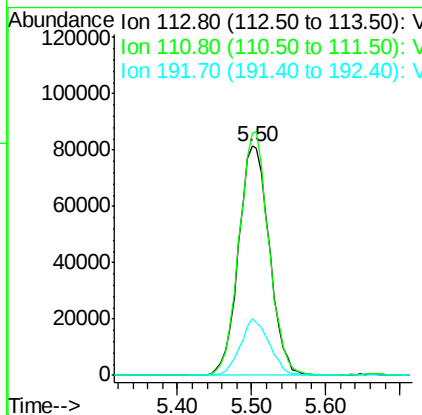
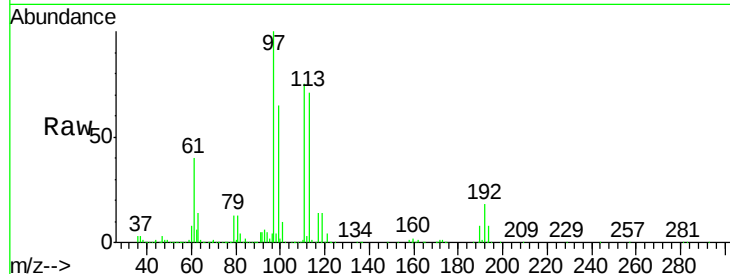
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	236467
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.6	122.4
192	23.3	16.7	25.1

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#36

1,1-Dichloropropene

Concen: 46.683 ug/l

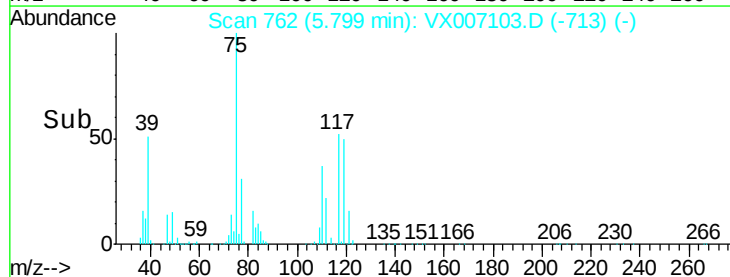
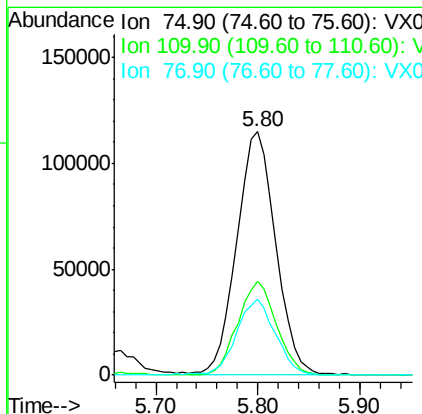
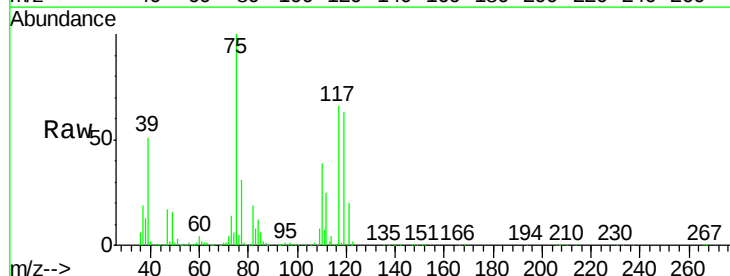
RT: 5.80 min Scan# 762

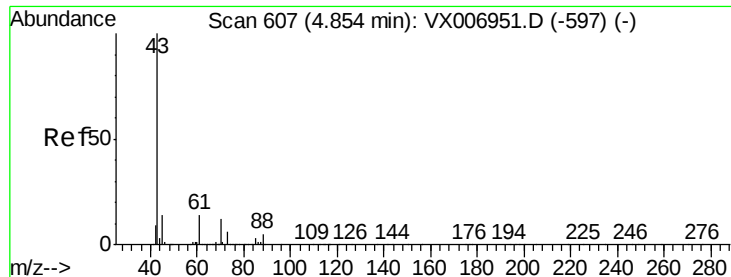
Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Tgt Ion:	75	Resp:	304370
Ion Ratio	Lower	Upper	
75	100		
110	38.7	20.2	60.5
77	31.0	24.8	37.2





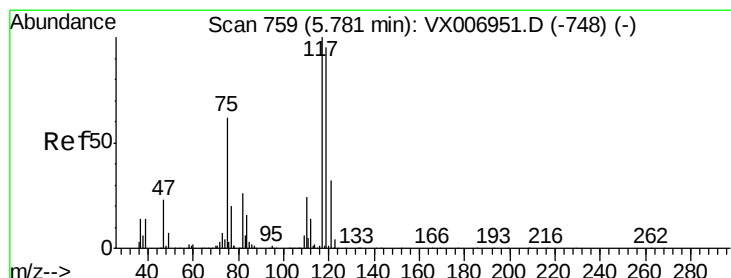
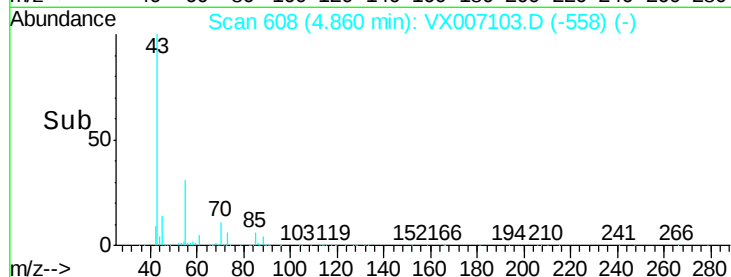
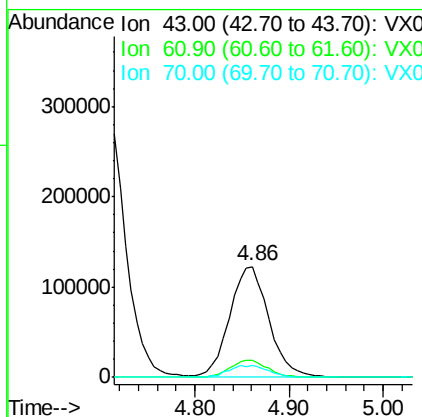
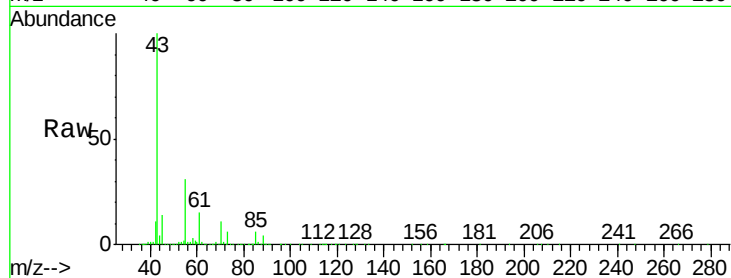
#37
Ethyl Acetate
Concen: 50.171 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	350694
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.9	17.9
70	11.2	9.7	14.5

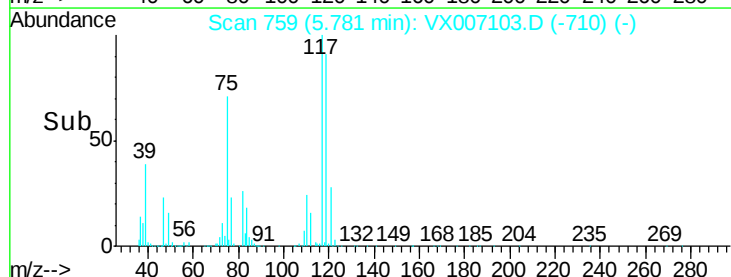
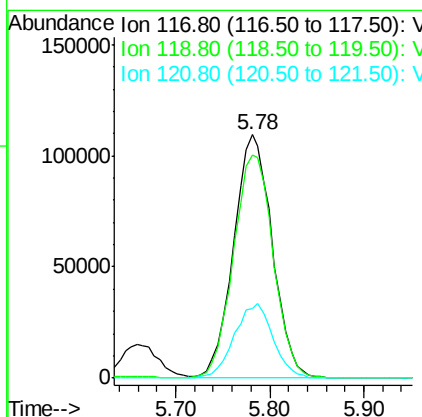
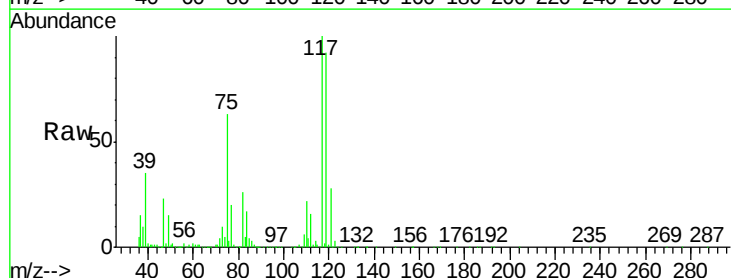
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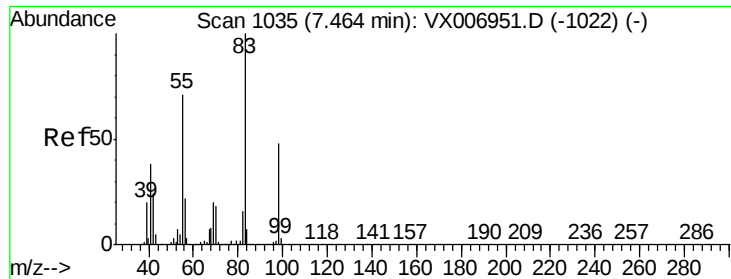
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#38
Carbon Tetrachloride
Concen: 47.748 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion:	117	Resp:	313215
Ion	Ratio	Lower	Upper
117	100		
119	91.5	79.4	119.2
121	28.4	24.0	36.0





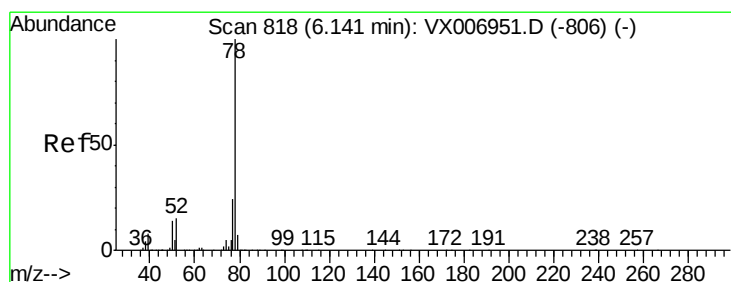
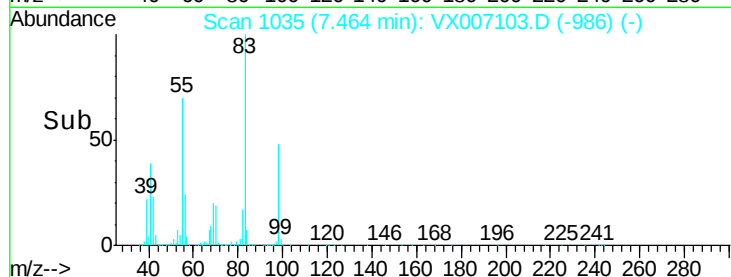
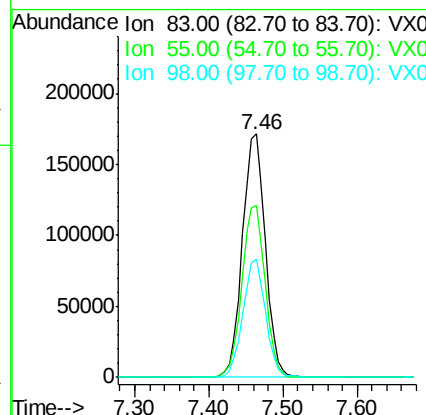
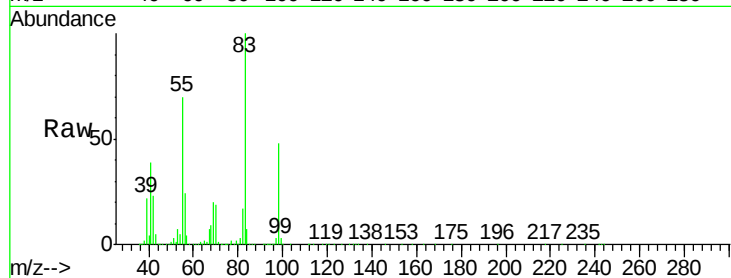
#39
Methylvlcyclohexane
Concen: 44.789 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.3	54.9	82.3
98	48.4	37.9	56.9

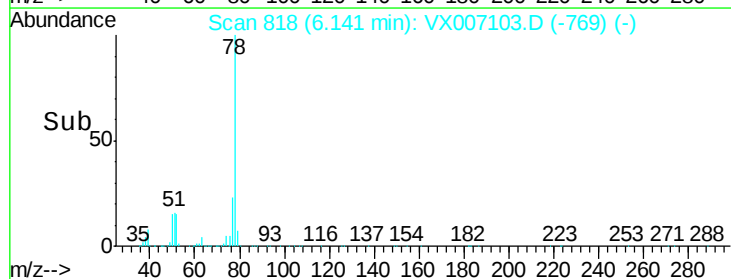
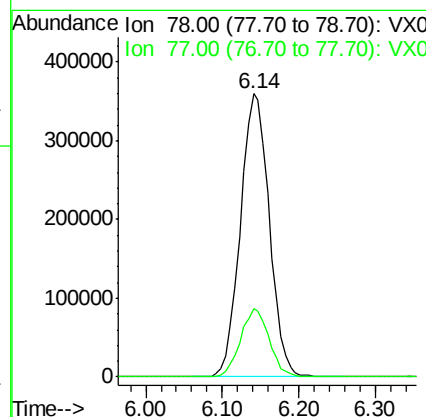
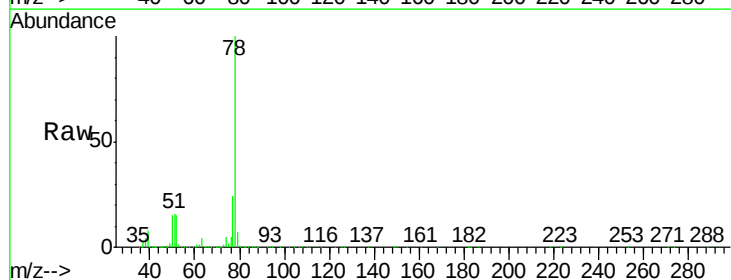
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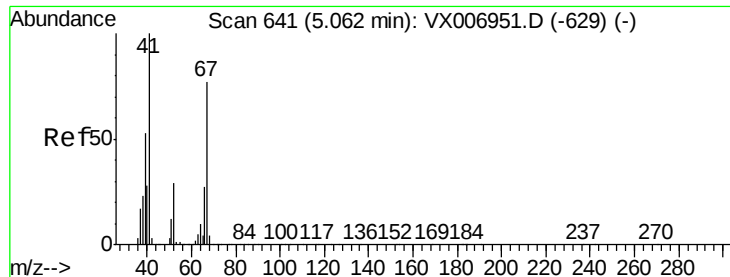
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#40
Benzene
Concen: 47.275 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8





#41

Methacrylonitrile

Concen: 48.043 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

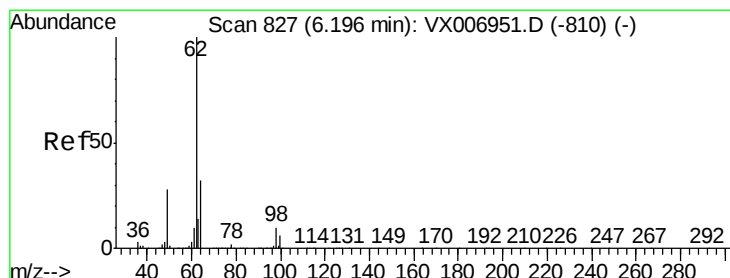
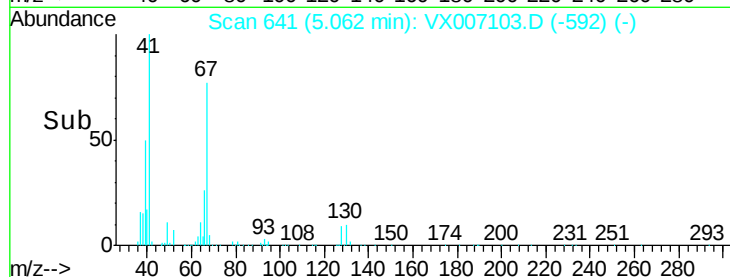
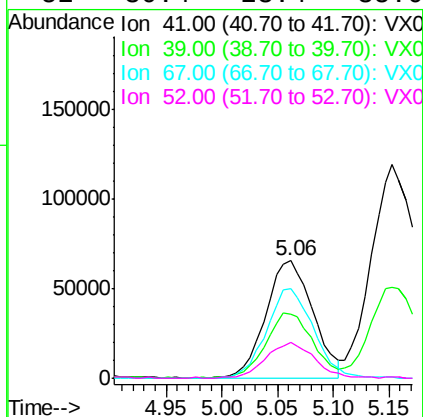
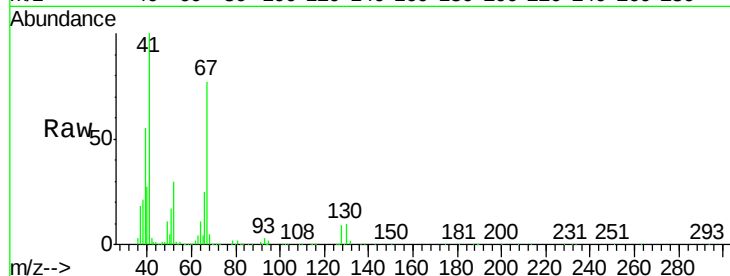
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		193456		
39	55.2	42.8	64.2		
67	76.4	62.1	93.1		
52	30.4	23.4	35.0		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 47.707 ug/l

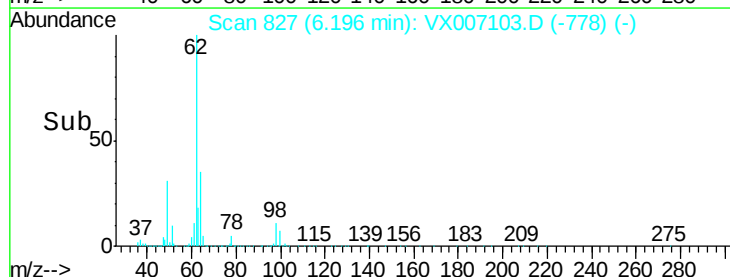
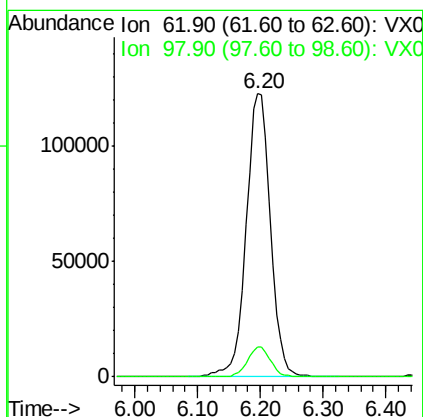
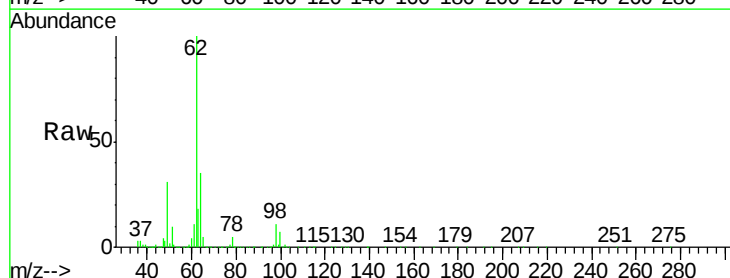
RT: 6.20 min Scan# 827

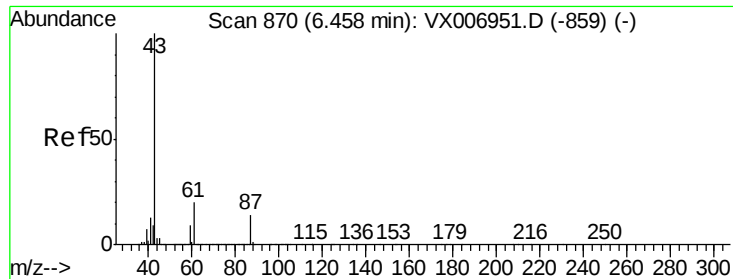
Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		327966		
98	10.1	0.0	20.2		





#43

Isopropyl Acetate

Concen: 51.114 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

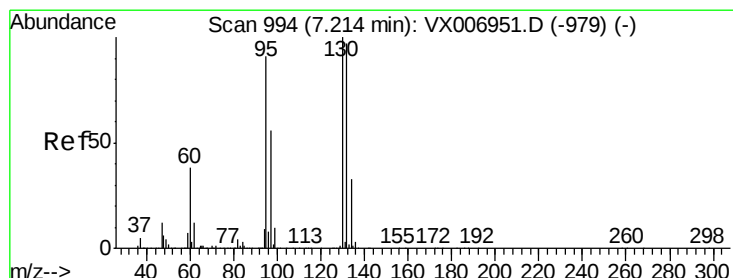
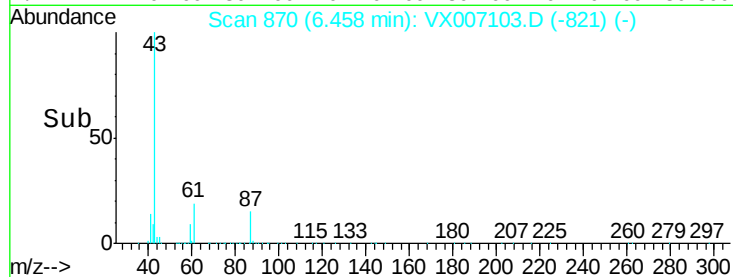
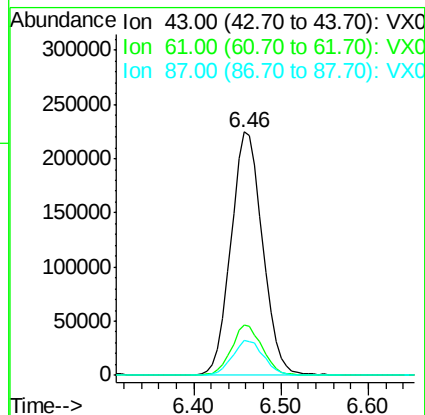
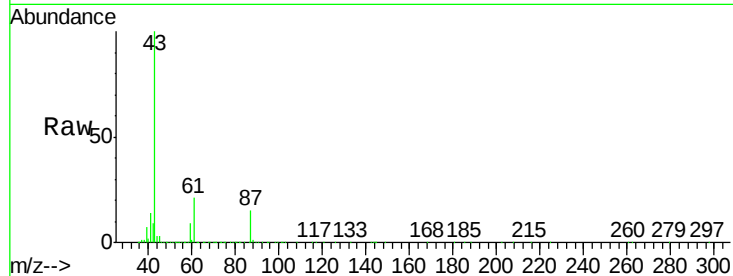
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	563564
Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.8	25.2
87	14.3	12.4	18.6

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#44

Trichloroethene

Concen: 45.912 ug/l

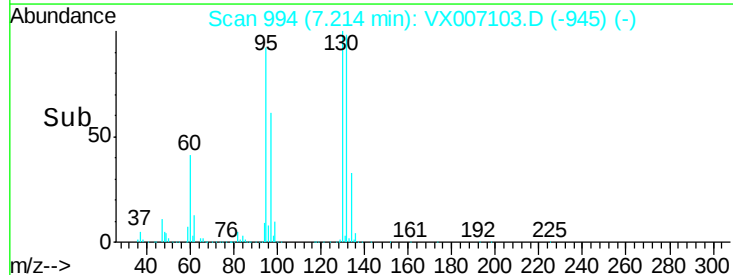
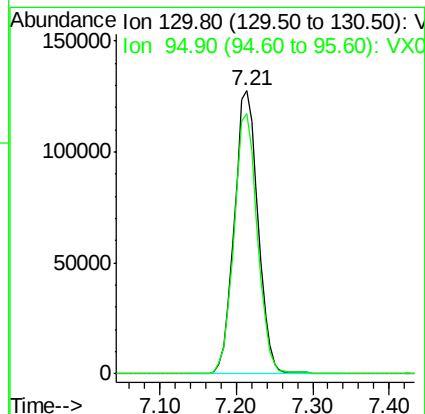
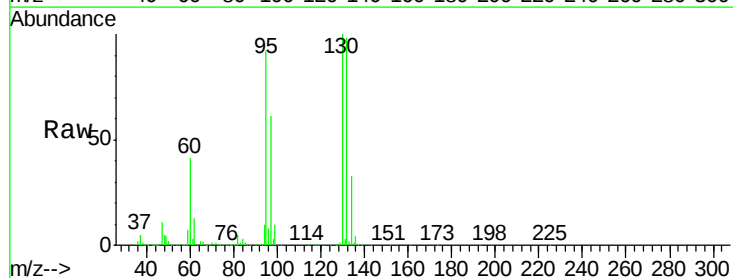
RT: 7.21 min Scan# 994

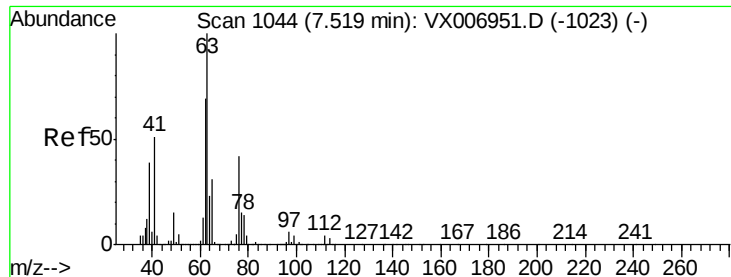
Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Tgt Ion:	130	Resp:	273703
Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	187.0





#45

1,2-Dichloropropane

Concen: 49.139 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 245765

Ion Ratio Lower Upper

63 100

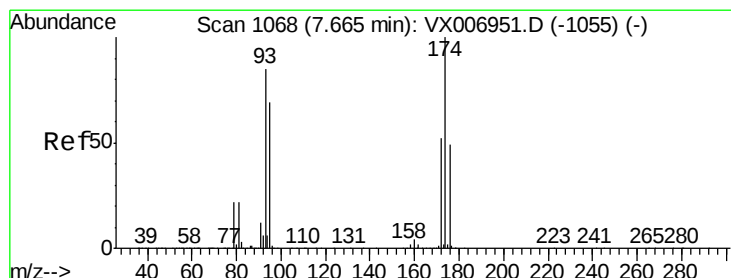
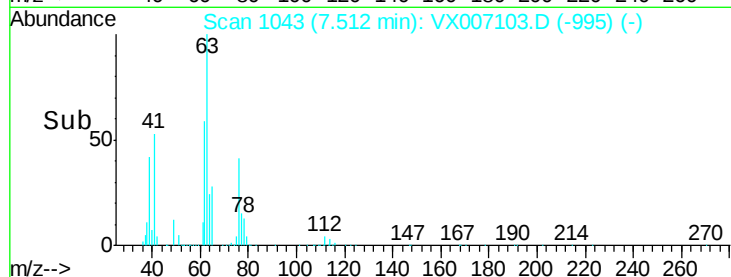
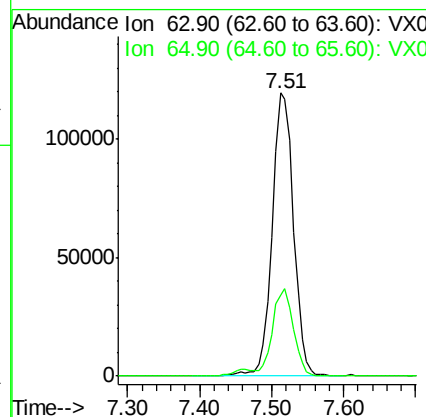
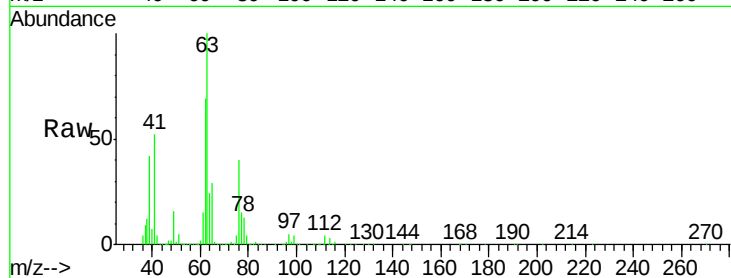
65 28.8 25.4 38.0

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#46

Dibromomethane

Concen: 48.735 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

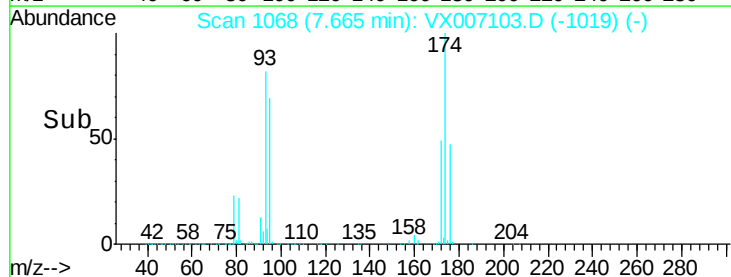
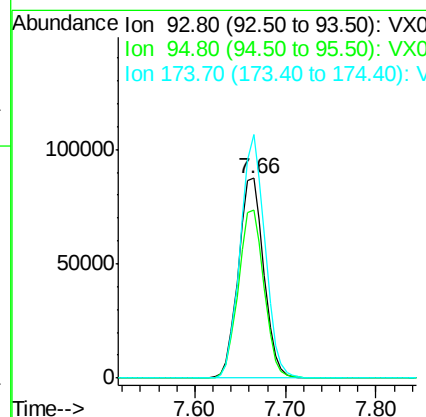
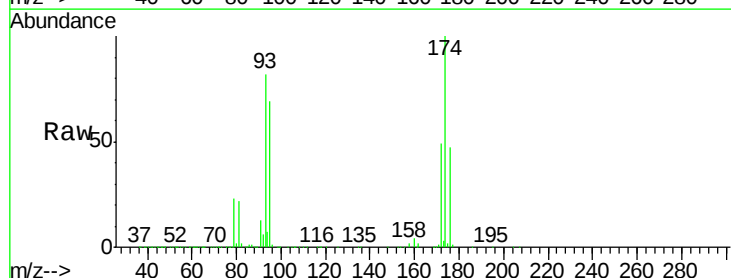
Tgt Ion: 93 Resp: 171304

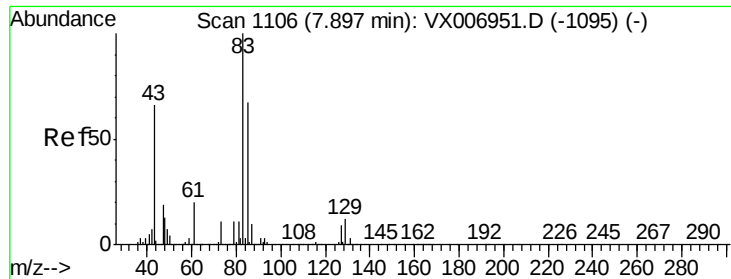
Ion Ratio Lower Upper

93 100

95 84.6 66.2 99.4

174 117.3 91.0 136.4





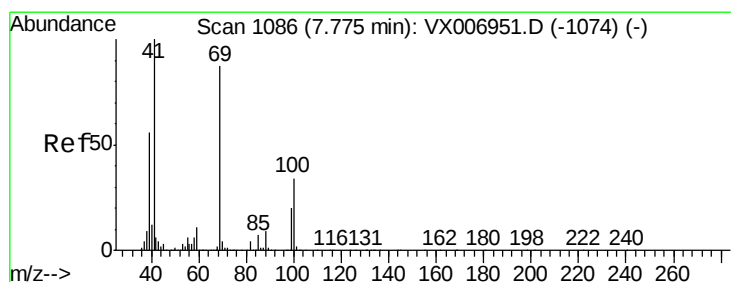
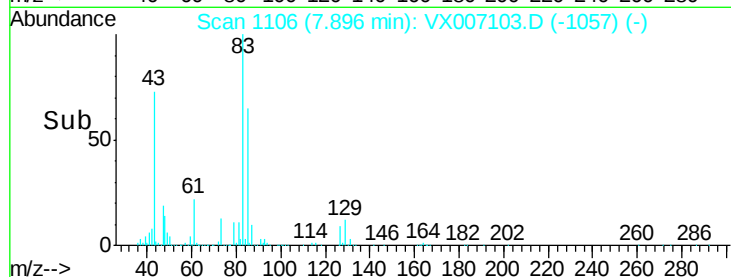
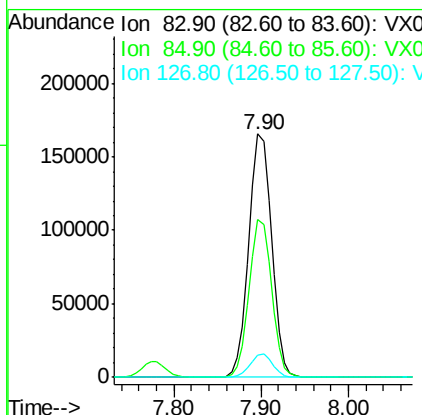
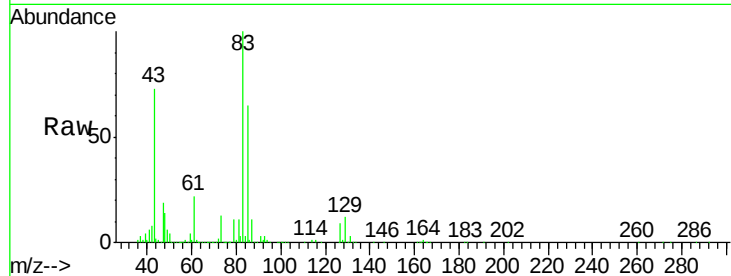
#47
Bromodichloromethane
Concen: 50.386 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.7	53.2	79.8
127	9.3	7.8	11.6

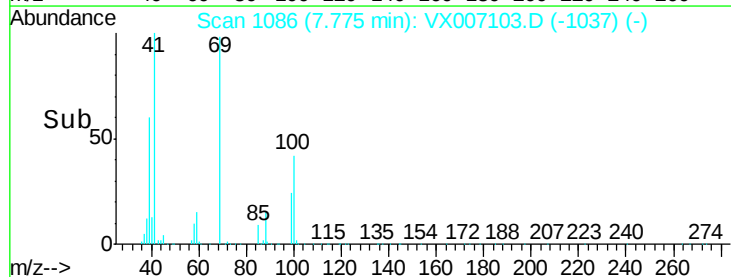
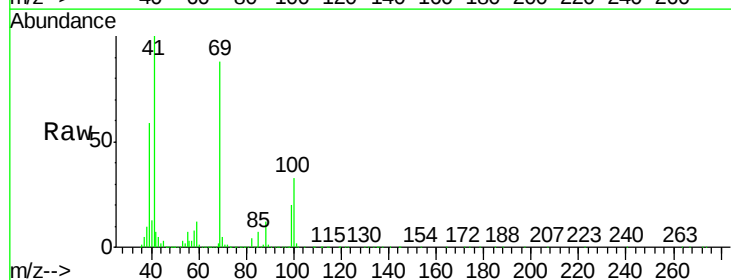
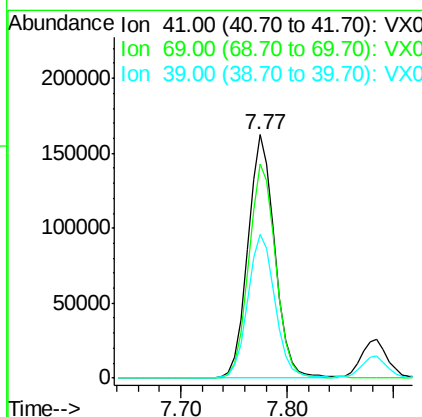
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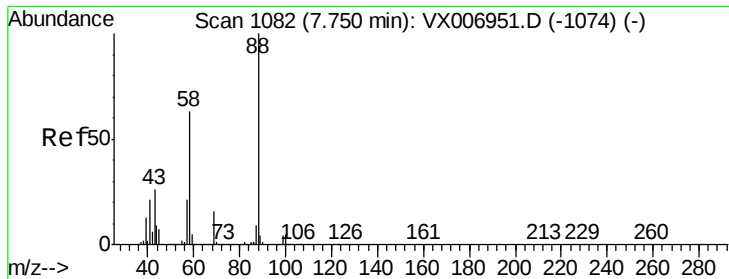
MMDadoda
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#48
Methyl methacrylate
Concen: 50.547 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion	Ratio	Lower	Upper
41	100		
69	88.4	72.4	108.6
39	59.6	45.8	68.8





#49

1,4-Dioxane

Concen: 1038.733 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

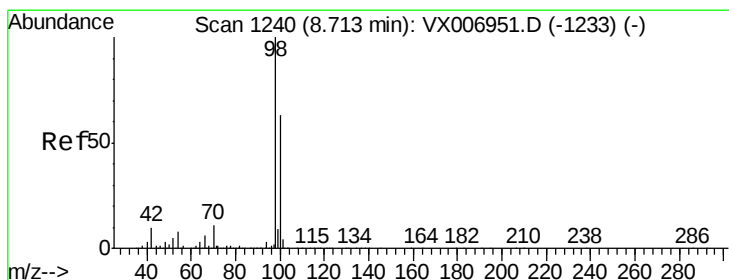
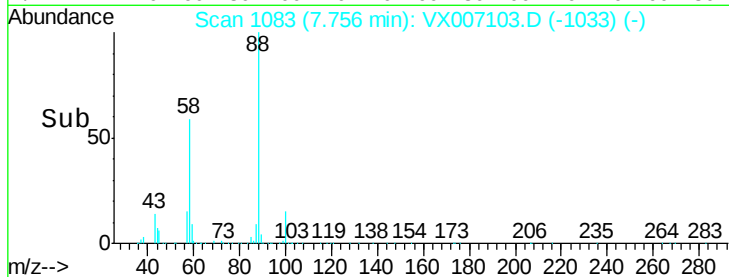
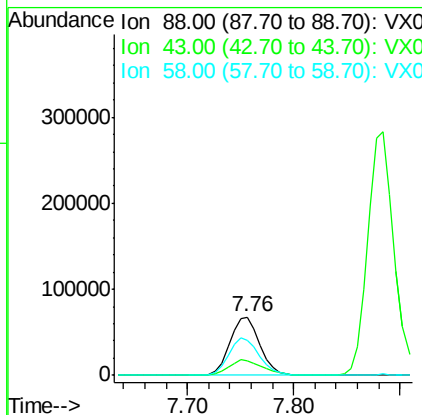
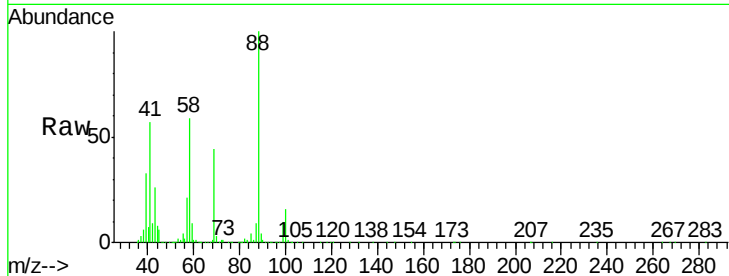
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	134270
Ion	Ratio	Lower	Upper
88	100		
43	29.9	22.2	33.4
58	64.8	51.0	76.4

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#50

Toluene-d8

Concen: 49.740 ug/l

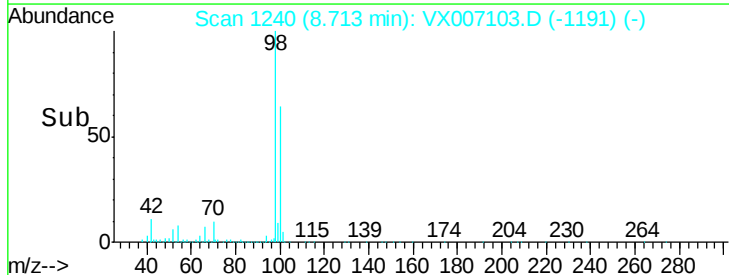
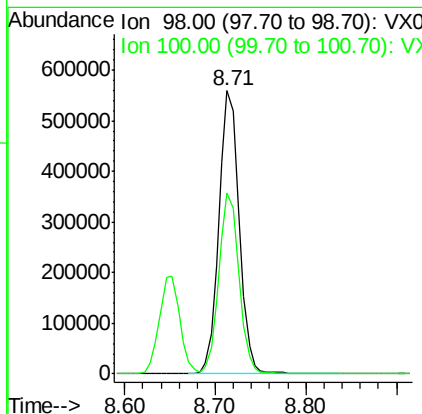
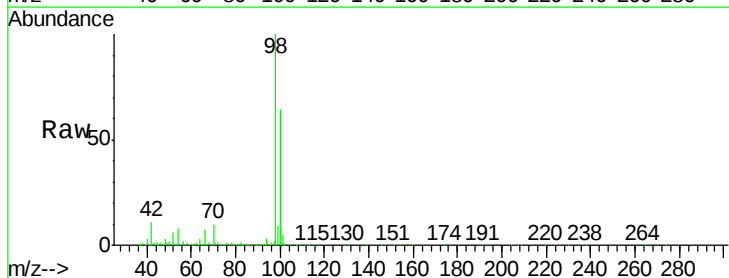
RT: 8.71 min Scan# 1240

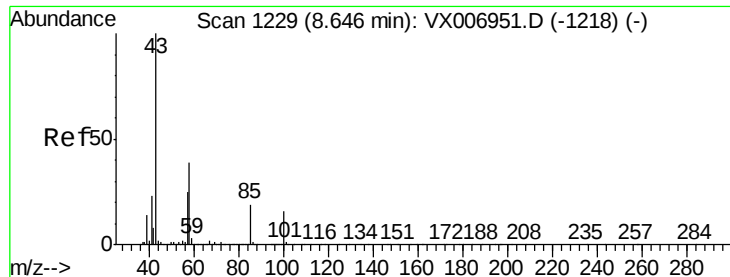
Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Tgt Ion:	98	Resp:	874341
Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 264.143 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1871646

Ion Ratio Lower Upper

43 100

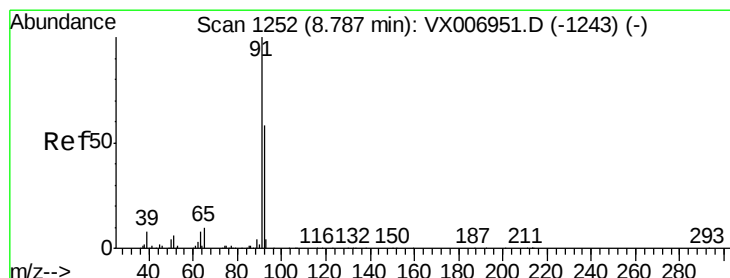
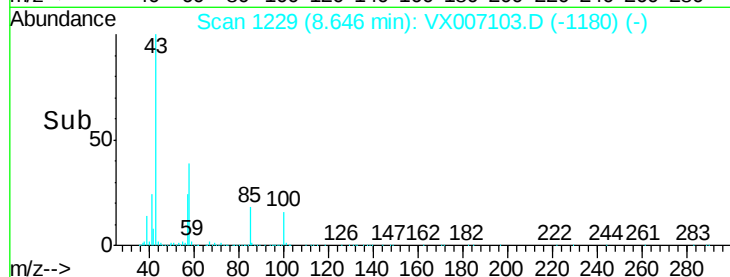
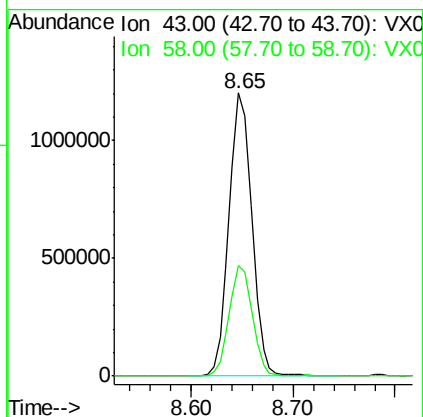
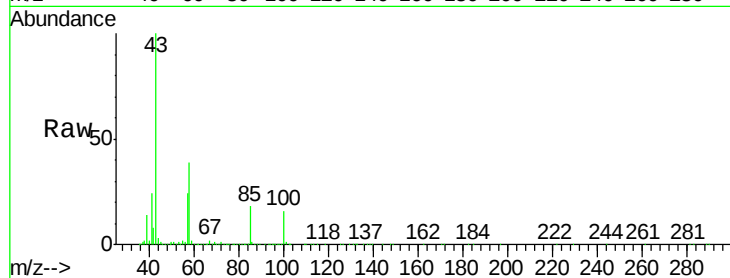
58 39.1 31.8 47.6

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#52

Toluene

Concen: 47.778 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007103.D

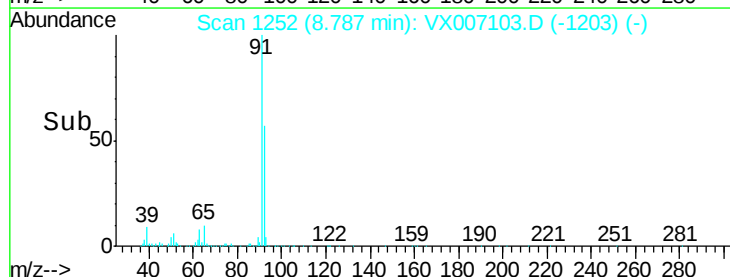
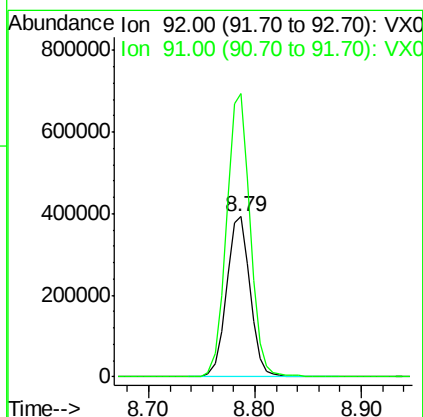
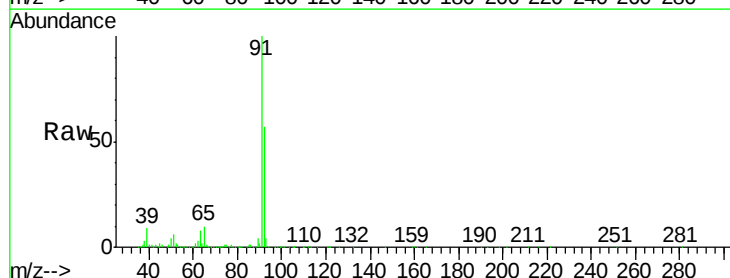
Acq: 17 Jan 2019 22:02

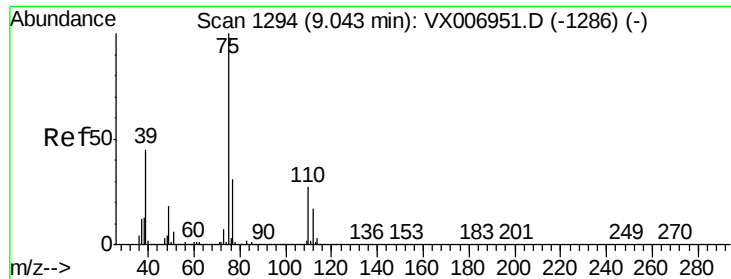
Tgt Ion: 92 Resp: 610915

Ion Ratio Lower Upper

92 100

91 176.4 137.6 206.4





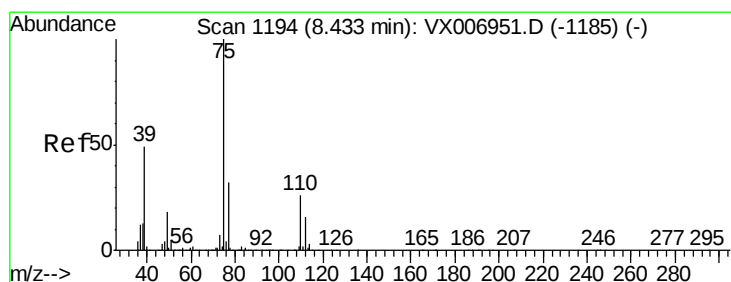
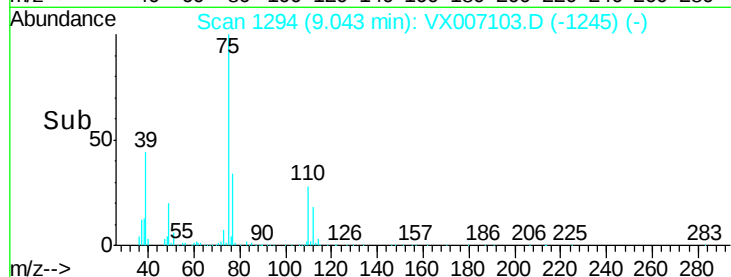
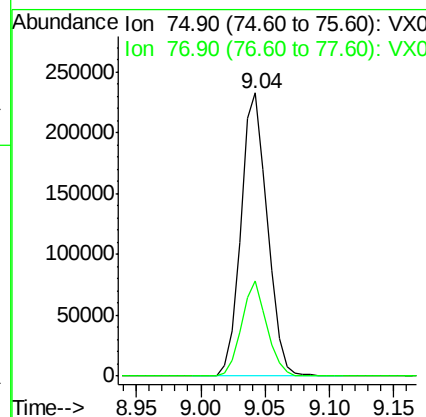
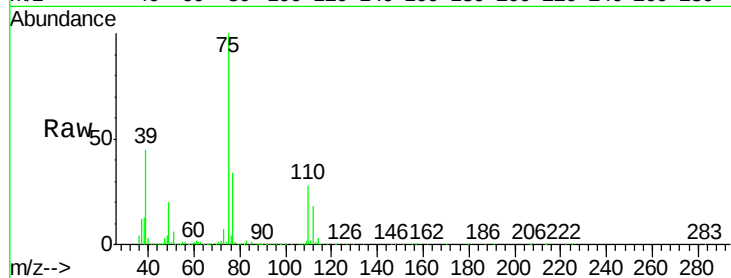
#53
t-1,3-Dichloropropene
Concen: 49.706 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.4	38.0

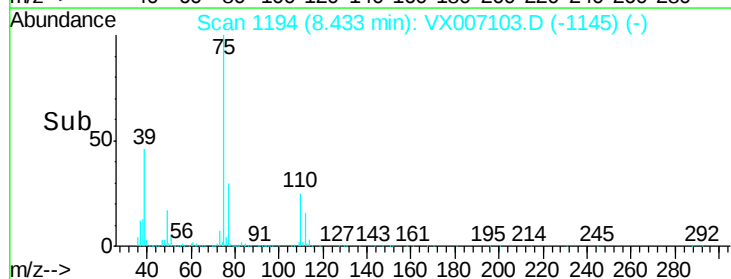
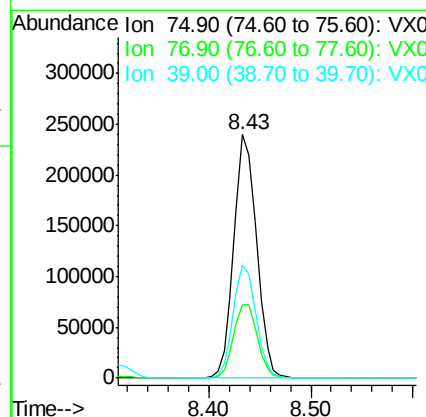
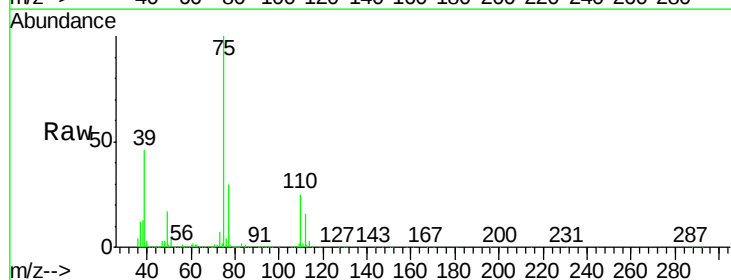
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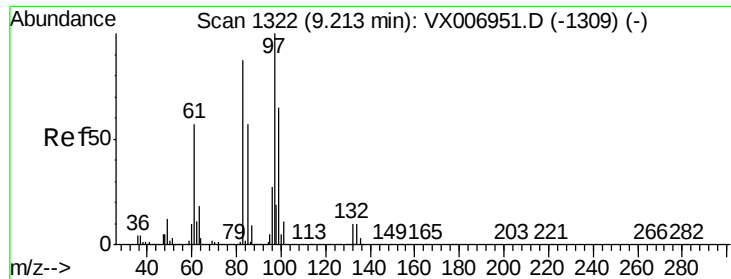
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#54
cis-1,3-Dichloropropene
Concen: 50.320 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.9	26.2	39.2
39	46.2	36.7	55.1





#55

1,1,2-Trichloroethane

Concen: 51.773 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

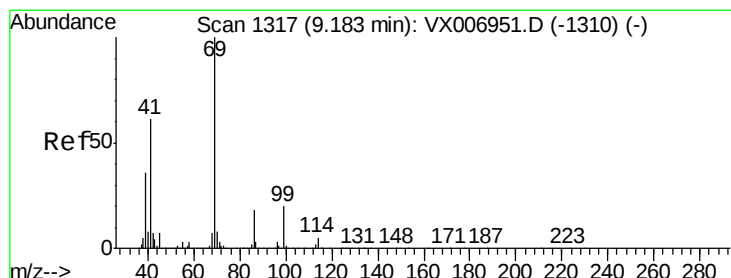
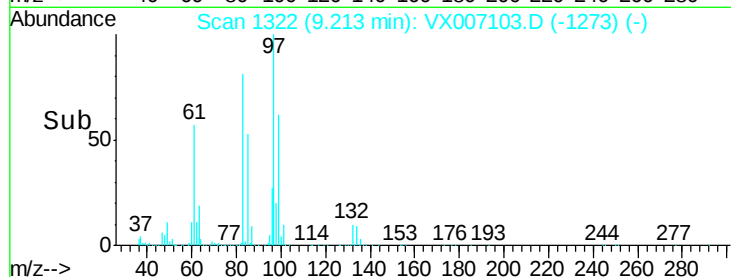
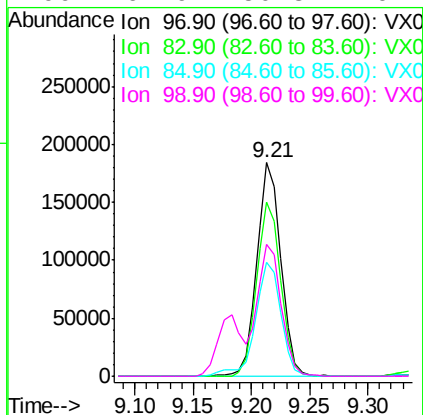
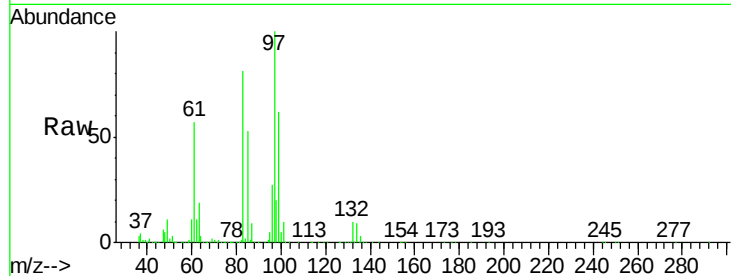
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		264975		
83	81.2	66.6	99.8		
85	53.3	42.7	64.1		
99	61.9	50.8	76.2		

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#56

Ethyl methacrylate

Concen: 52.684 ug/l

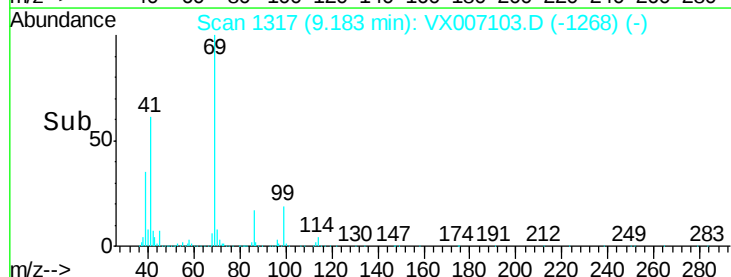
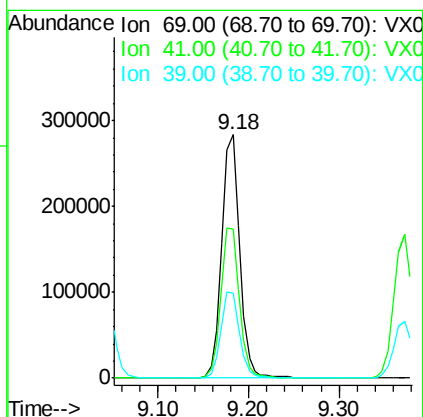
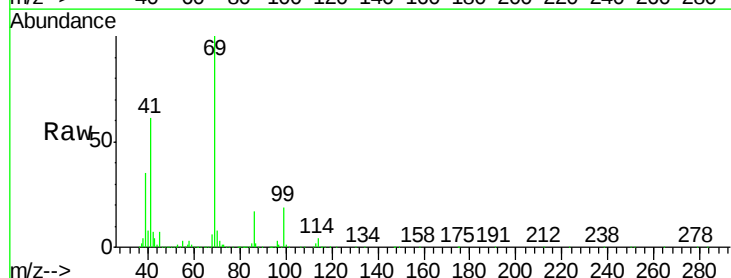
RT: 9.18 min Scan# 1317

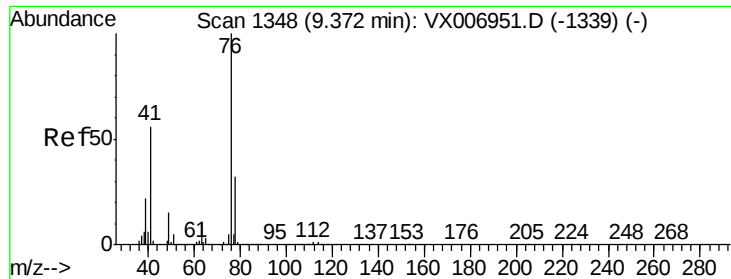
Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		393635		
41	63.7	48.7	73.1		
39	36.5	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 50.145 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 420456

Ion Ratio Lower Upper

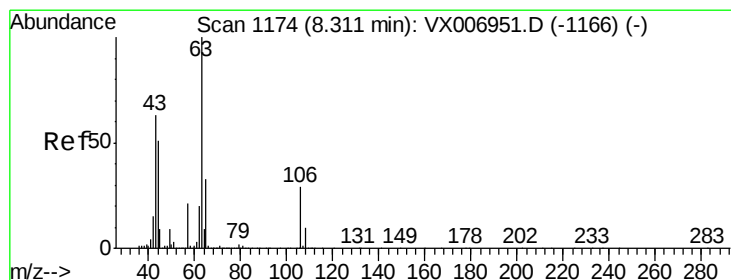
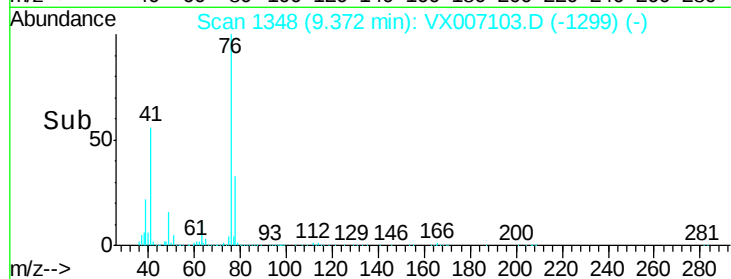
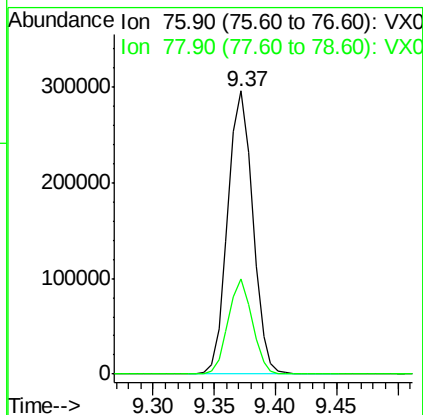
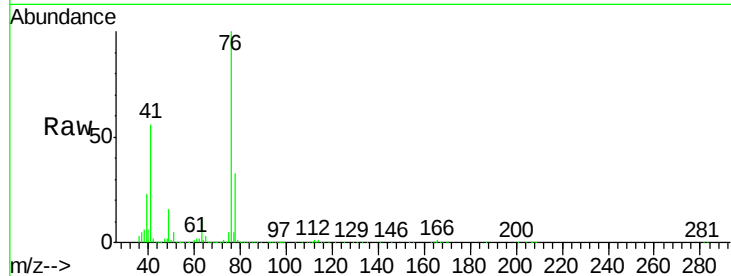
76 100

78 32.4 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 259.600 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007103.D

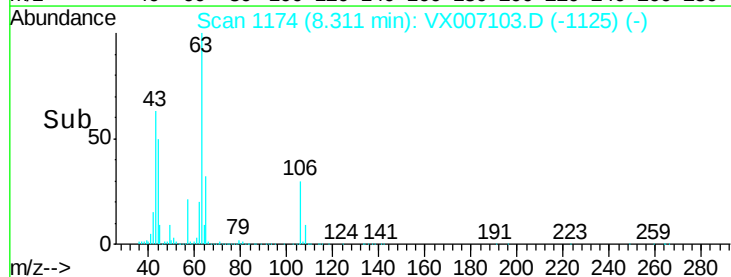
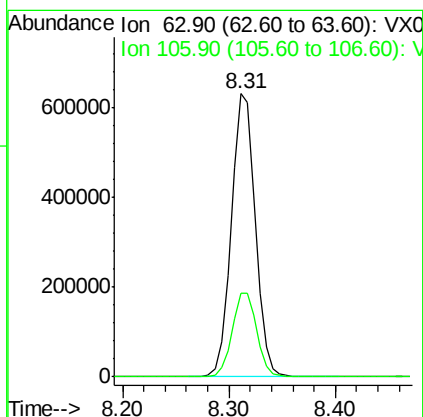
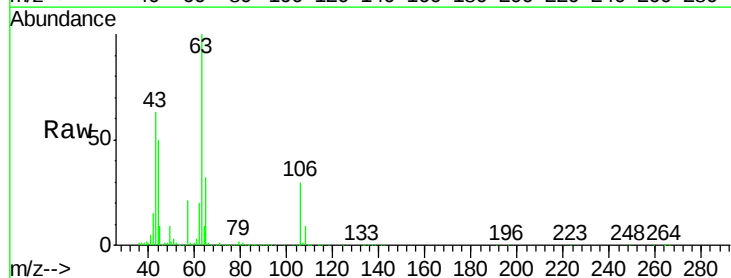
Acq: 17 Jan 2019 22:02

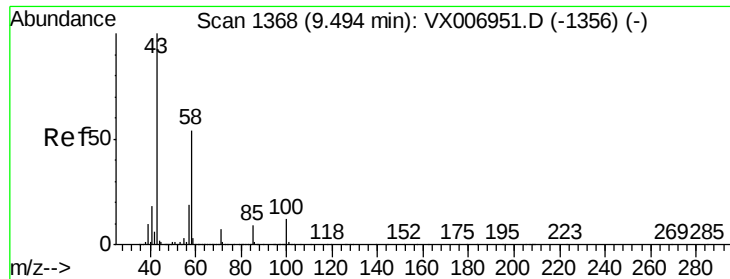
Tgt Ion: 63 Resp: 997280

Ion Ratio Lower Upper

63 100

106 30.3 24.6 36.8





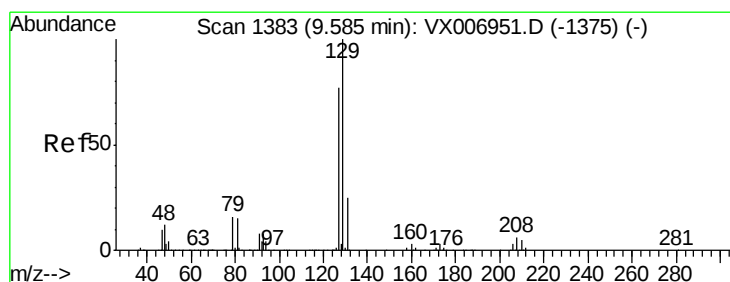
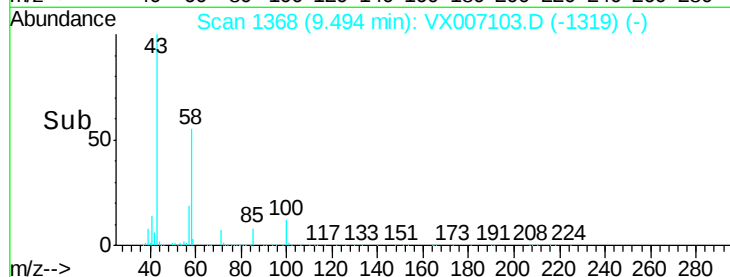
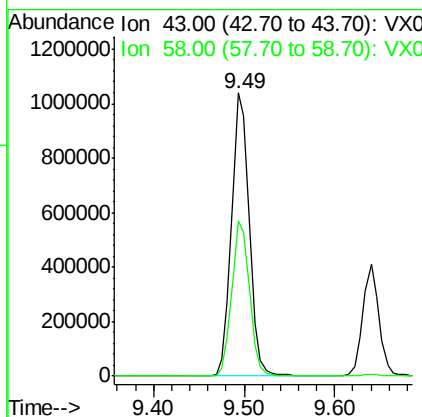
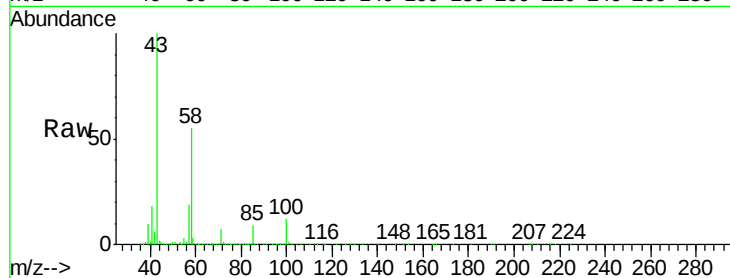
#59
2-Hexanone
Concen: 262.182 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1415711
Ion Ratio Lower Upper
43 100
58 55.0 27.7 83.1

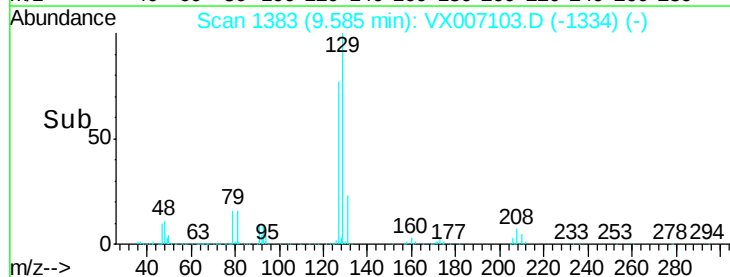
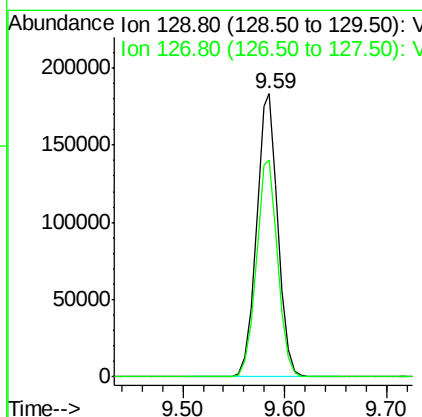
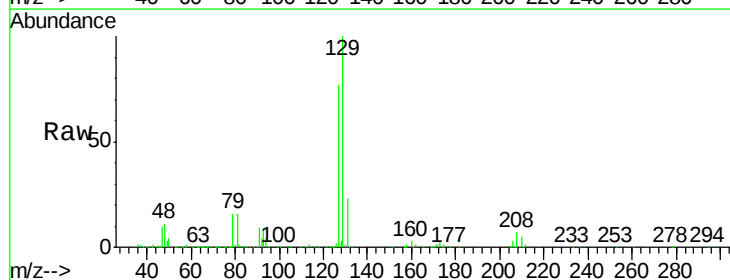
Manual Integrations
APPROVED

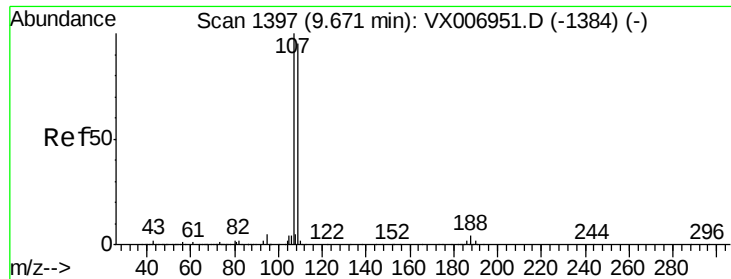
MMDadoda
1/18/2019 10:23:06 AM



#60
Dibromochloromethane
Concen: 53.845 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion: 129 Resp: 267595
Ion Ratio Lower Upper
129 100
127 76.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 50.911 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 286854

Ion Ratio Lower Upper

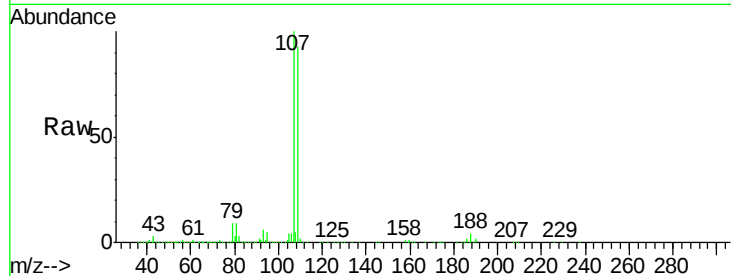
107 100

109 93.8 75.8 113.6

Manual Integrations
APPROVED

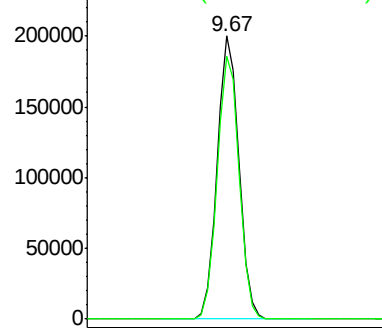
MMDadoda

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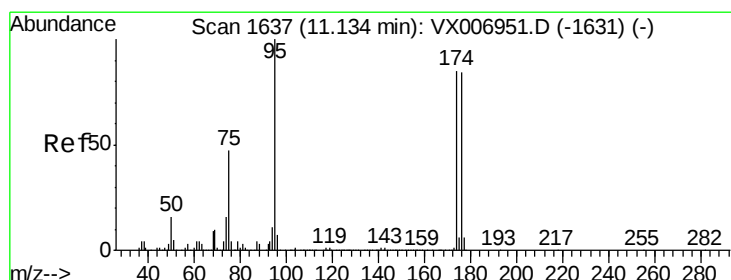
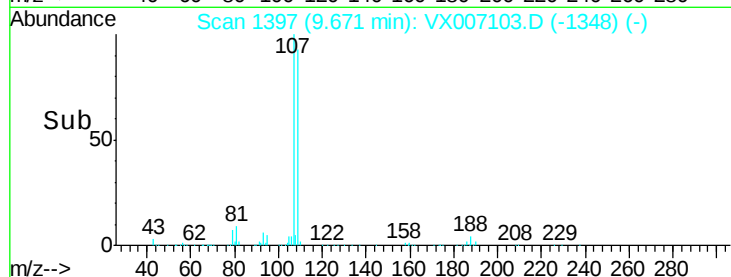


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 50.307 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

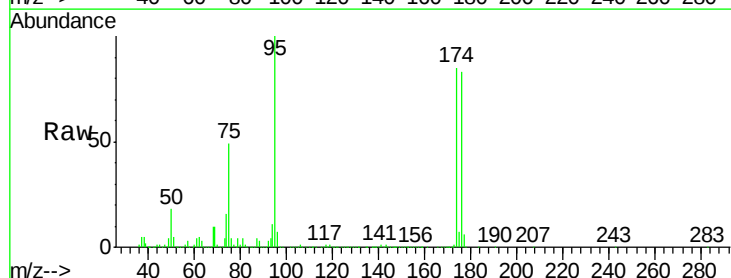
Tgt Ion: 95 Resp: 308292

Ion Ratio Lower Upper

95 100

174 95.4 0.0 182.2

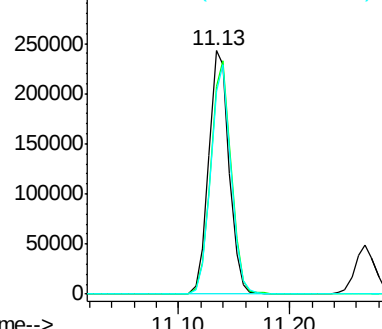
176 92.9 0.0 178.8



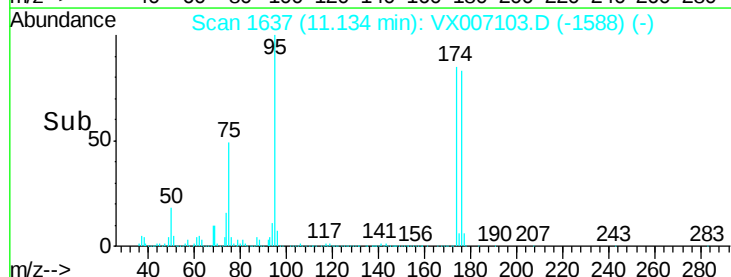
Abundance Ion 94.90 (94.60 to 95.60): VX0

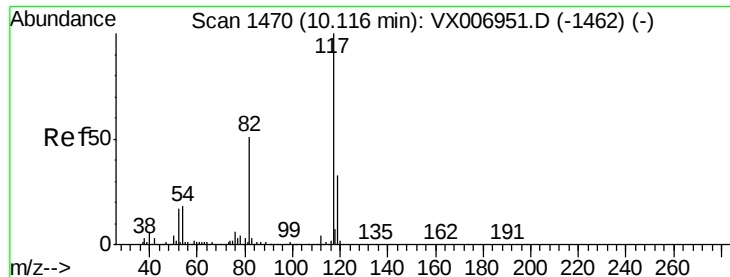
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





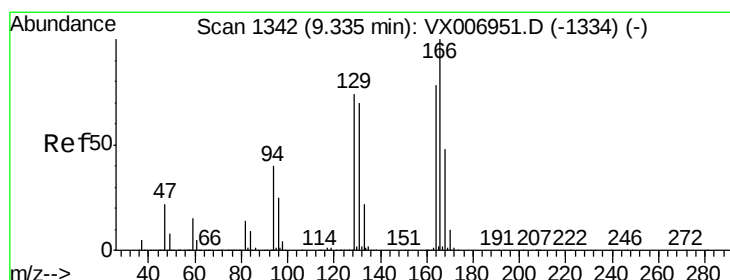
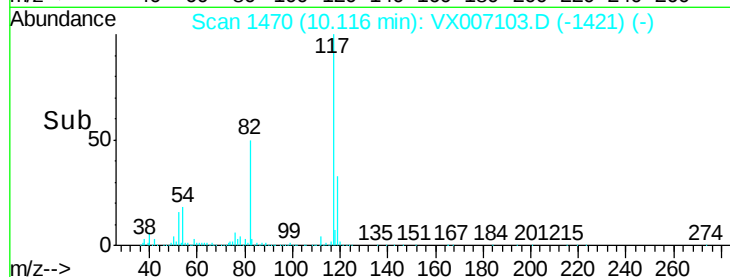
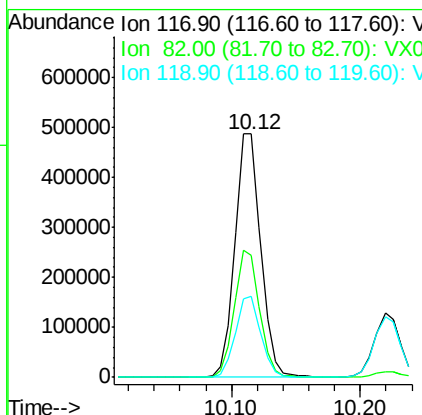
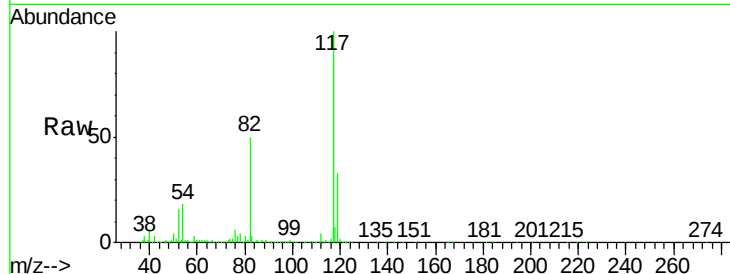
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.0	61.6
119	33.3	25.4	38.0

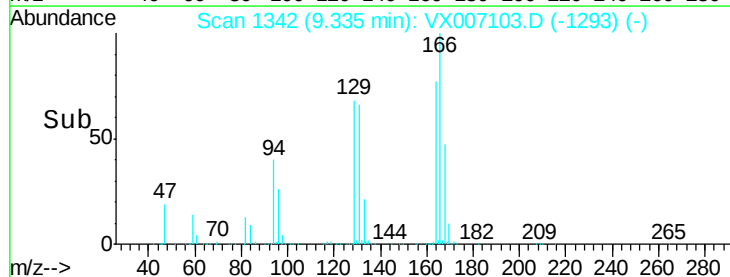
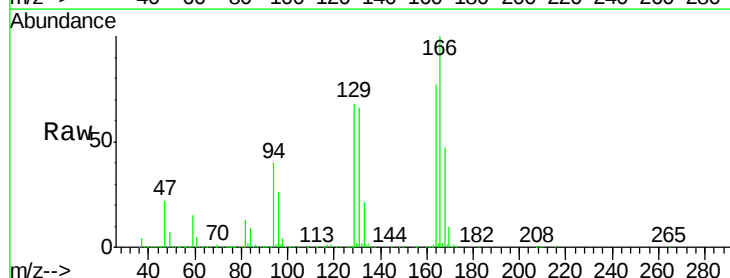
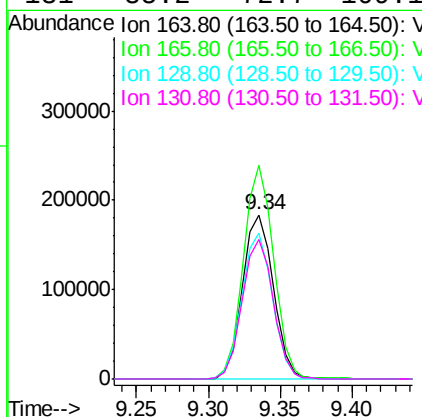
Manual Integrations
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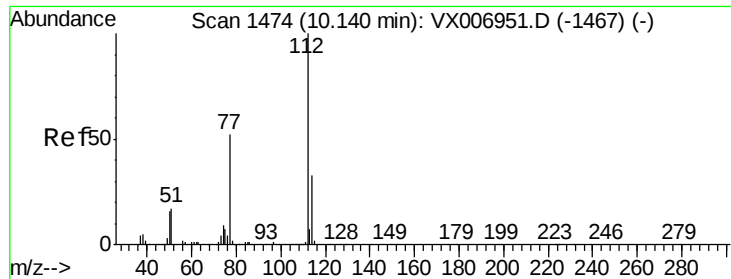
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#64
Tetrachloroethene
Concen: 46.186 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	102.5	153.7
129	88.6	75.1	112.7
131	85.2	72.7	109.1





#65

Chlorobenzene

Concen: 47.989 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 714944

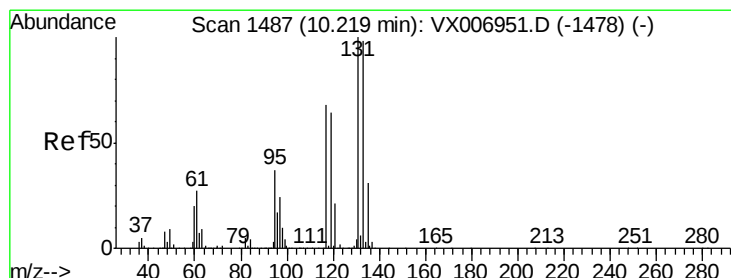
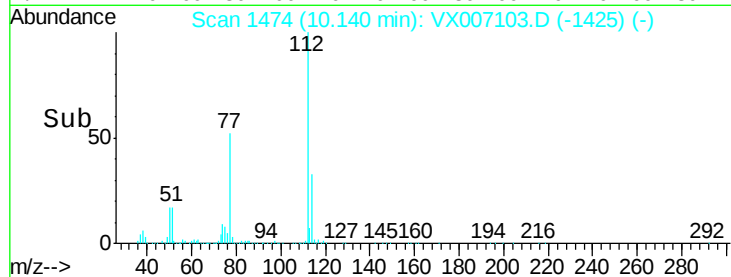
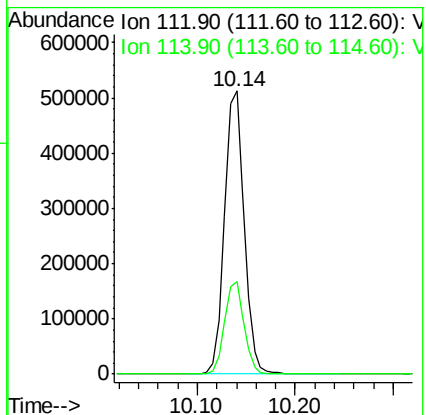
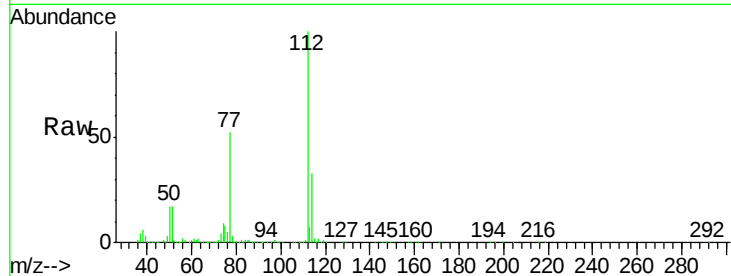
Ion Ratio Lower Upper

112 100

114 32.7 25.7 38.5

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 52.183 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

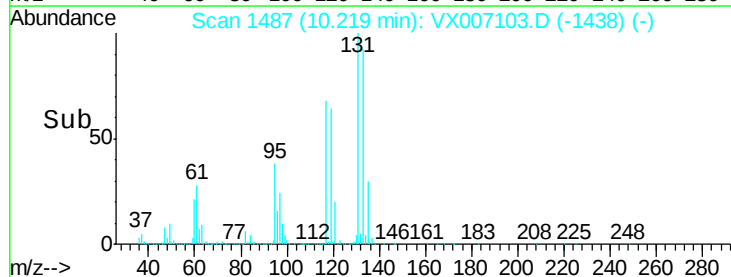
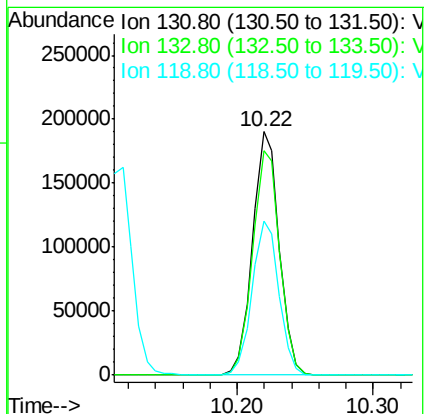
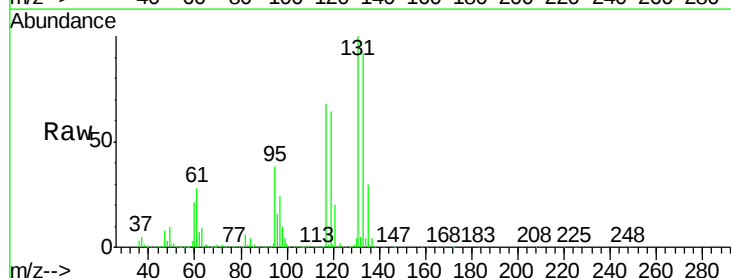
Tgt Ion:131 Resp: 261531

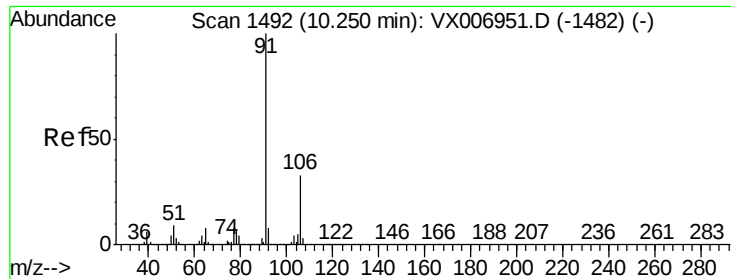
Ion Ratio Lower Upper

131 100

133 94.0 48.0 144.2

119 63.7 32.6 97.8





#67

Ethyl Benzene

Concen: 48.282 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1187494

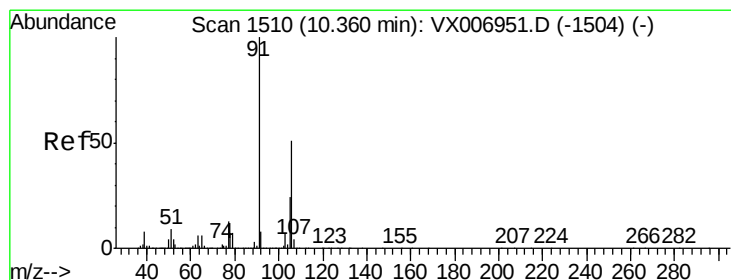
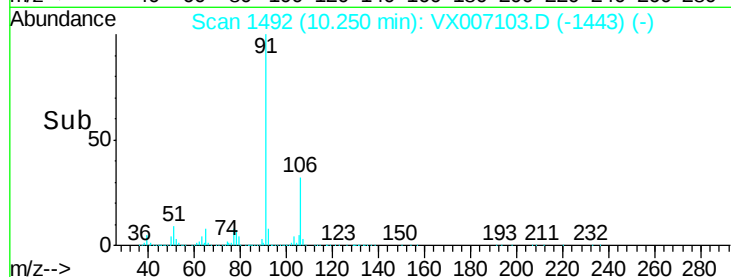
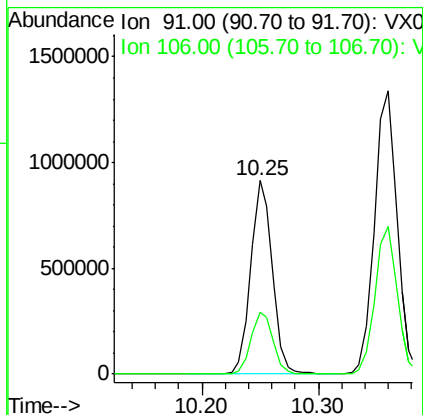
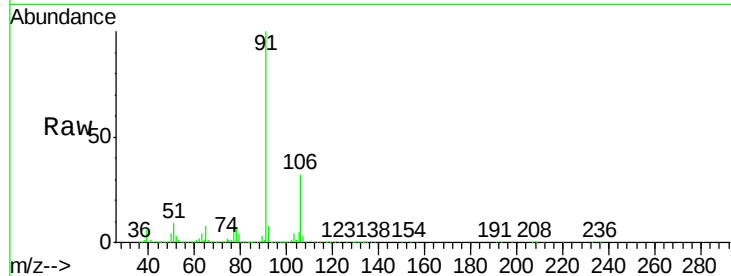
Ion Ratio Lower Upper

91 100

106 31.9 26.4 39.6

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#68

m/p-Xylenes

Concen: 96.476 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007103.D

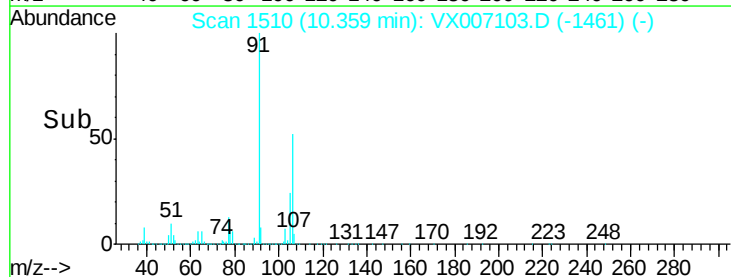
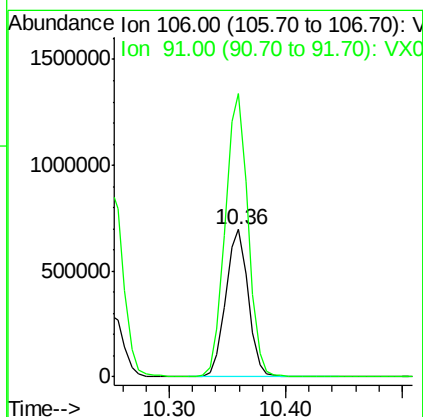
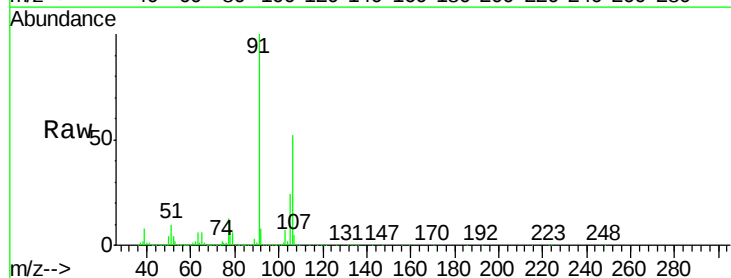
Acq: 17 Jan 2019 22:02

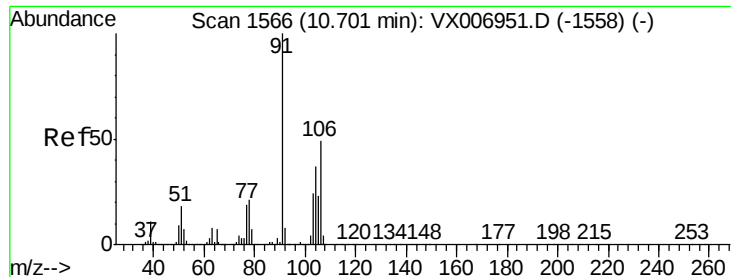
Tgt Ion: 106 Resp: 934861

Ion Ratio Lower Upper

106 100

91 195.0 155.8 233.6





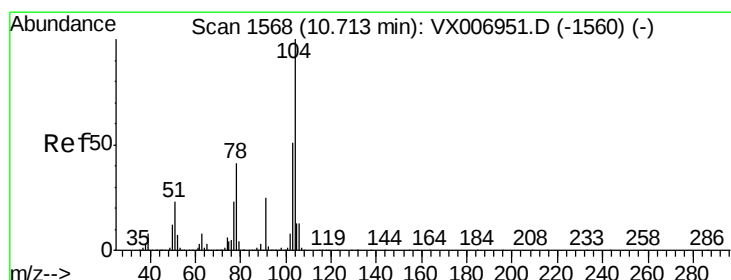
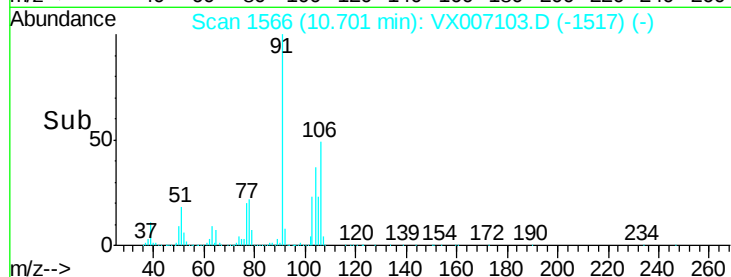
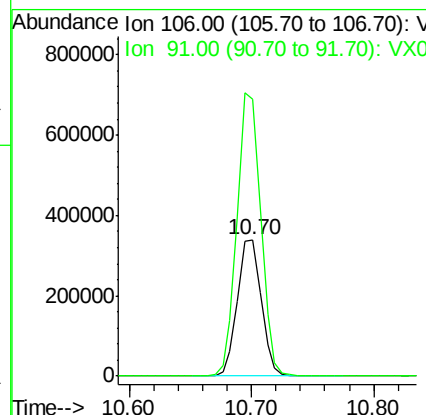
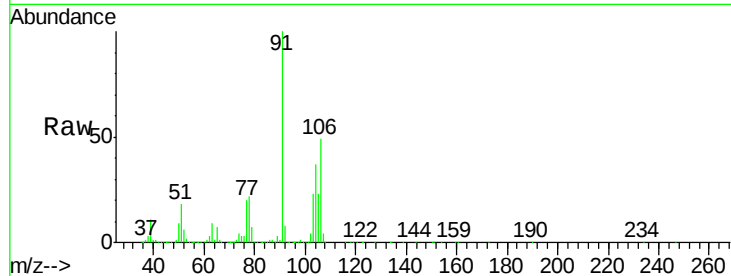
#69
o-Xylene
Concen: 48.639 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.1	101.3	303.7

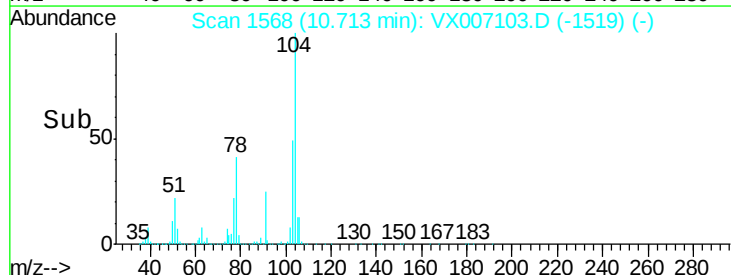
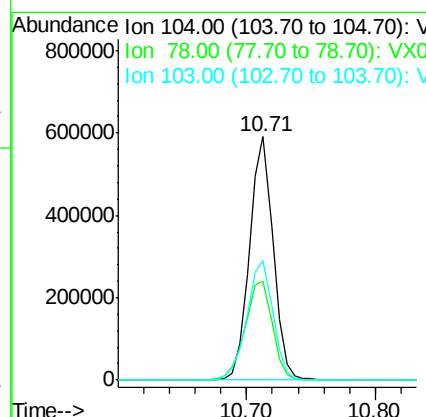
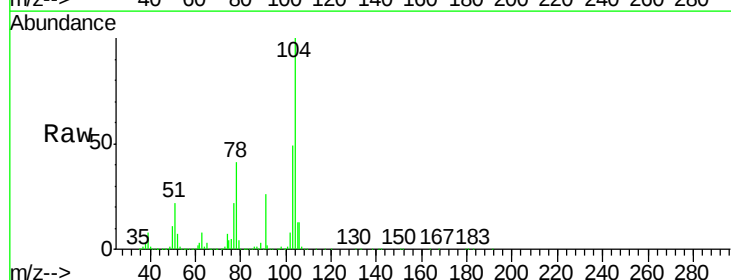
Manual Integrations
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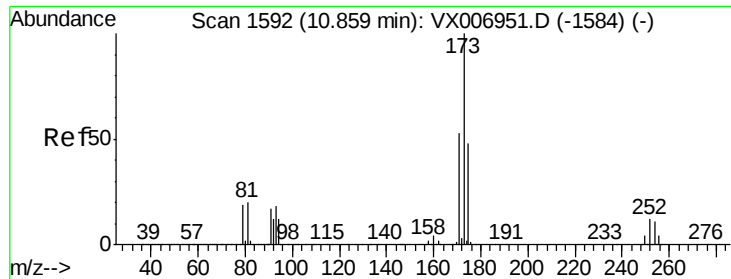
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#70
Styrene
Concen: 49.736 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.7	37.7	56.5
103	55.2	43.8	65.8





#71

Bromoform

Concen: 45.603 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

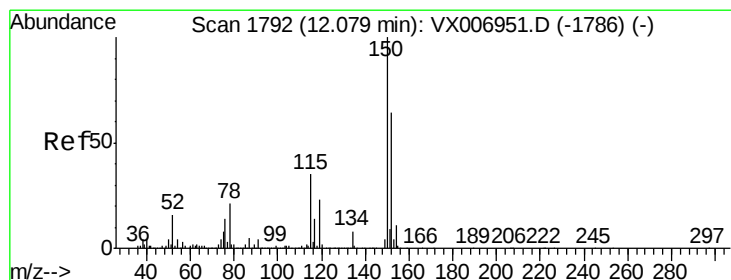
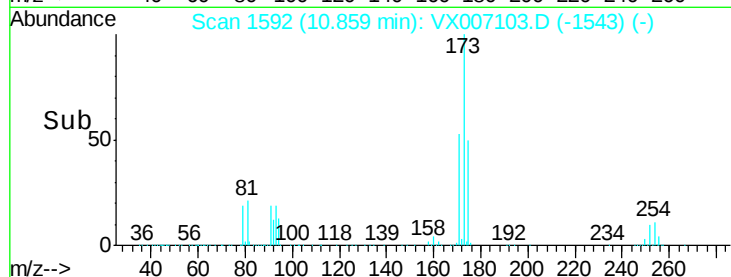
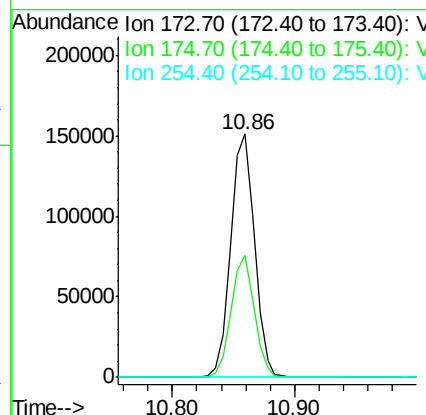
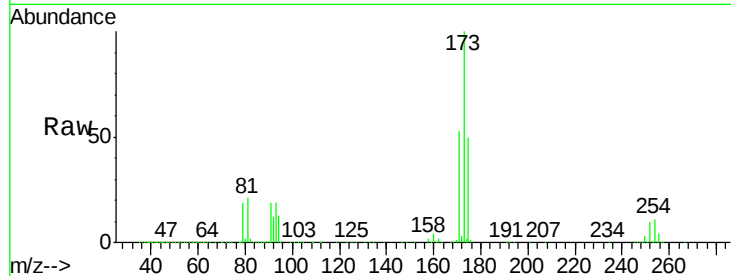
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	202419
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.7	74.1
254	0.2	0.2	0.2

Manual Integrations
APPROVED

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

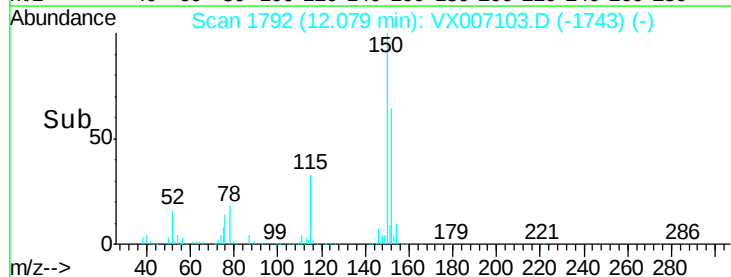
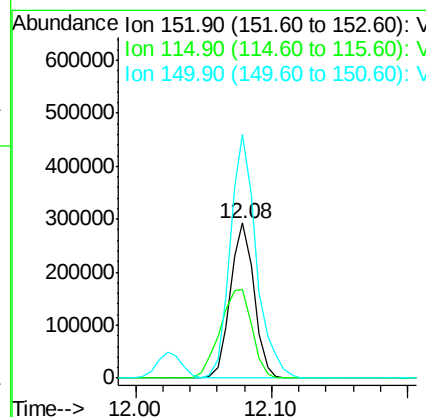
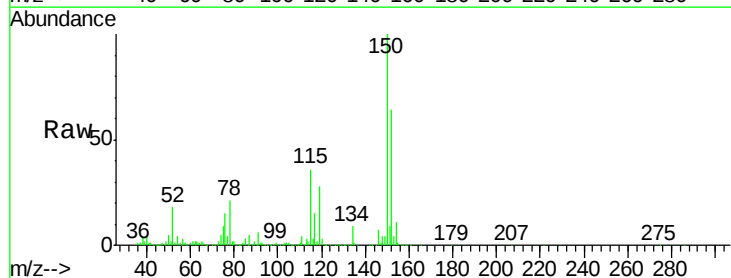
RT: 12.08 min Scan# 1792

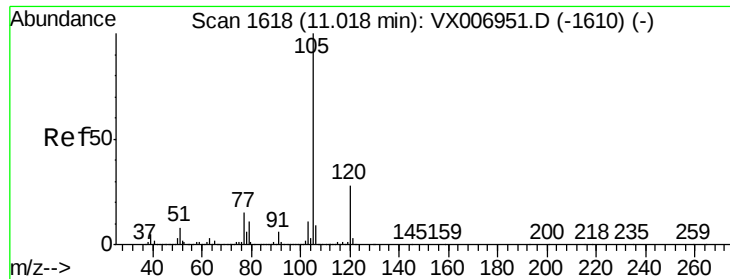
Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Tgt Ion:	152	Resp:	352441
Ion Ratio	Lower	Upper	
152	100		
115	77.1	39.1	117.2
150	172.5	0.0	344.8





#73

Isopropylbenzene

Concen: 49.214 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1223067

Ion Ratio Lower Upper

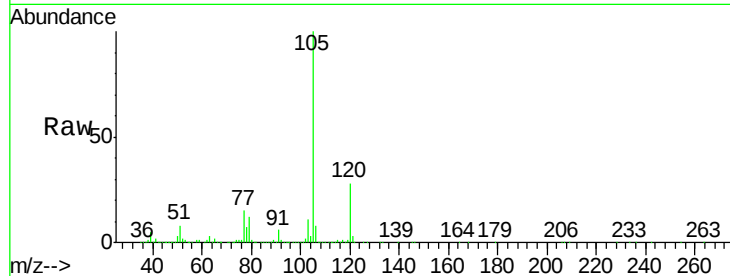
105 100

120 27.6 14.1 42.4

Manual Integrations
APPROVED

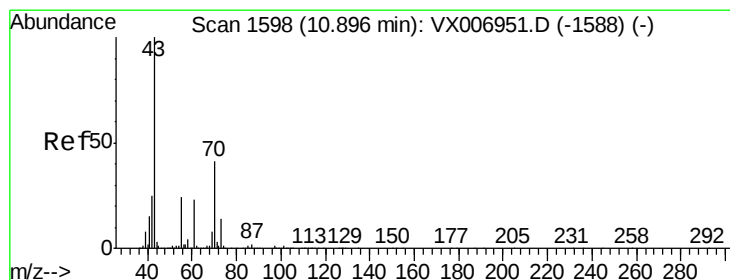
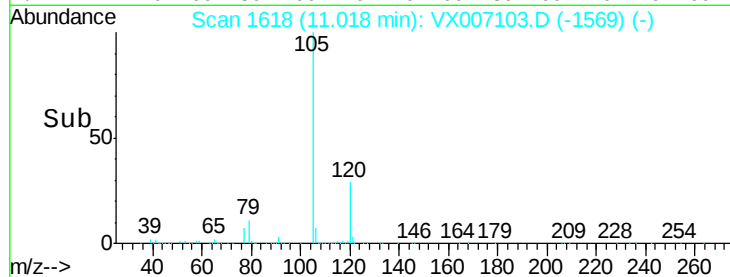
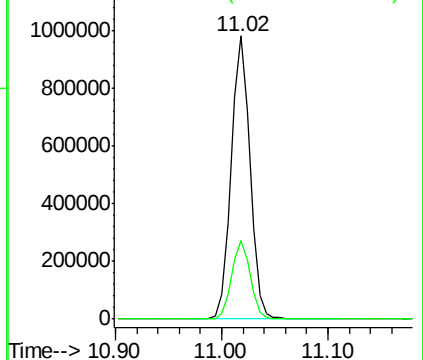
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.585 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Tgt Ion: 43 Resp: 506154

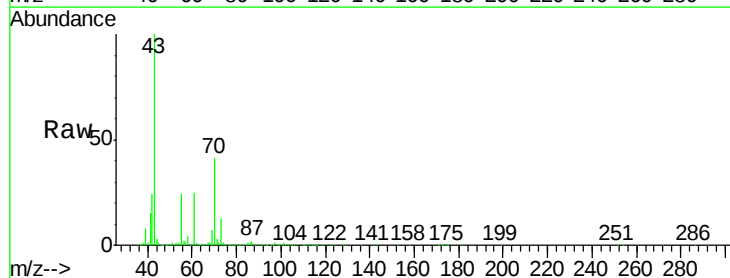
Ion Ratio Lower Upper

43 100

70 42.3 35.8 53.8

55 24.2 19.4 29.0

61 24.6 20.1 30.1

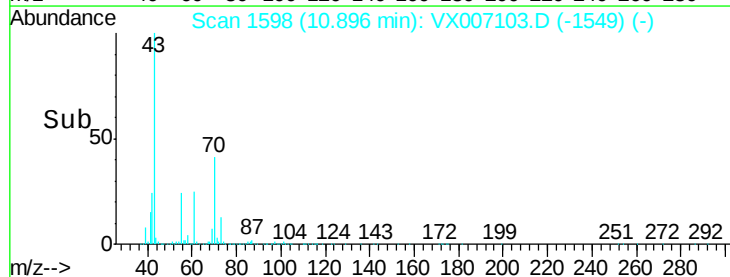
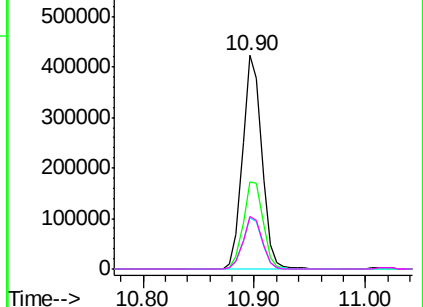


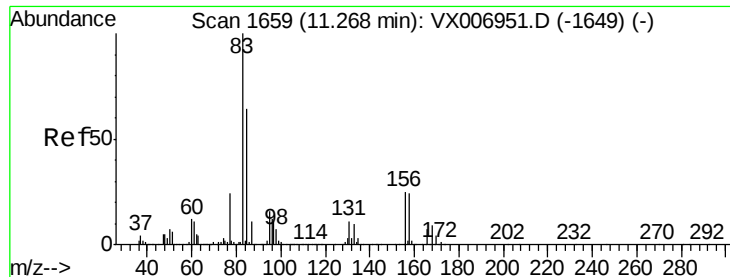
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.168 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

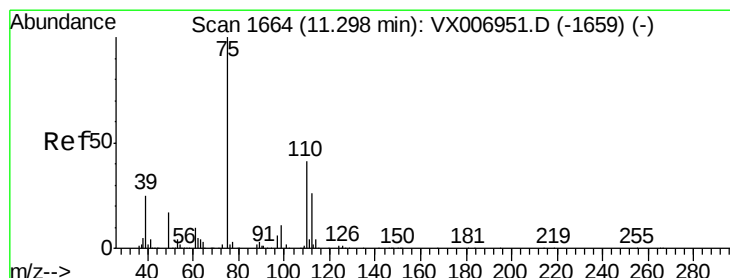
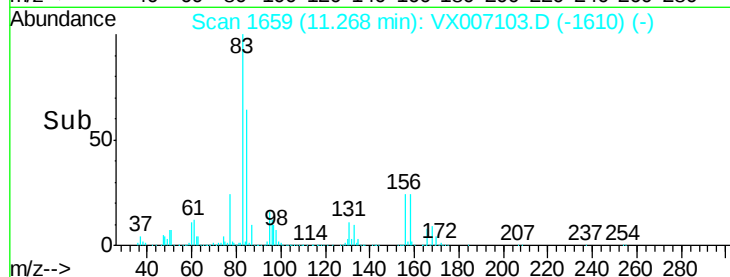
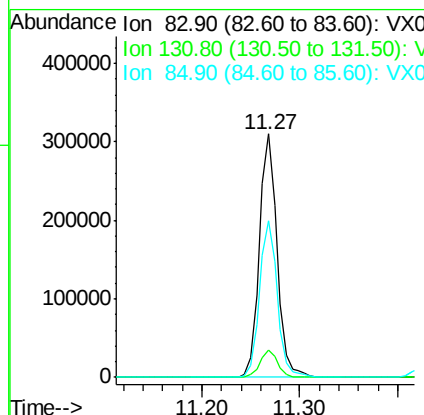
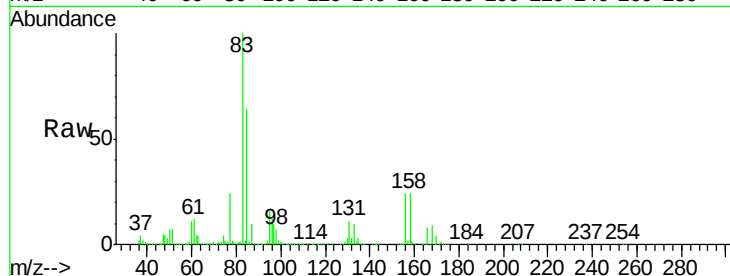
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	387922
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.7	17.1
85	64.8	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 50.779 ug/l m

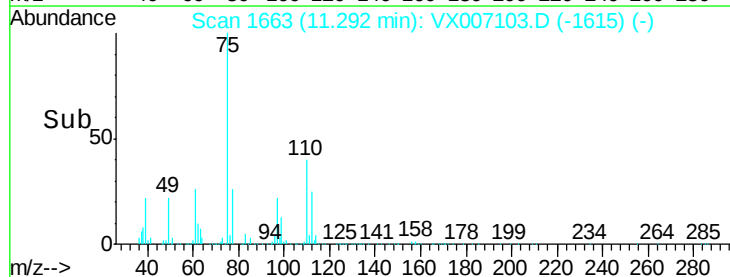
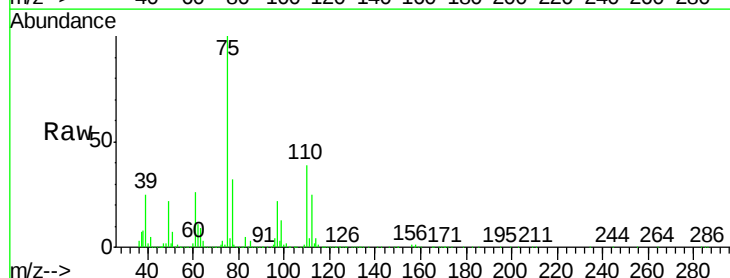
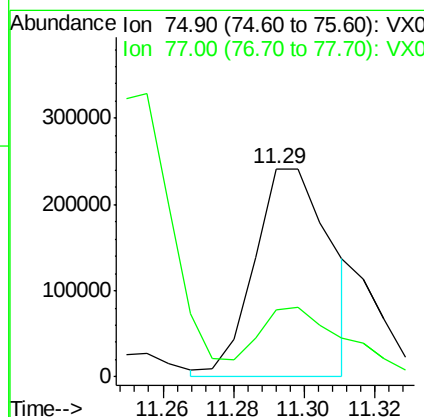
RT: 11.29 min Scan# 1663

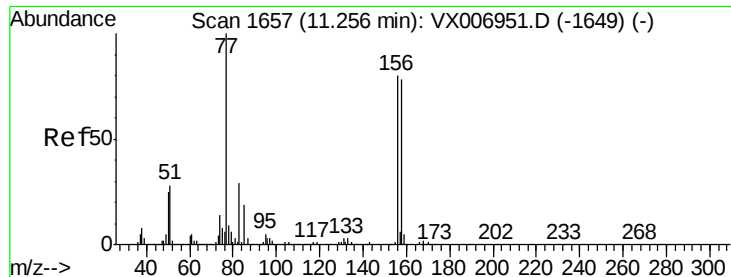
Delta R.T. -0.01 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Tgt Ion:	75	Resp:	362668
Ion Ratio	Lower	Upper	
75	100		
77	38.3	18.5	55.5





#77

Bromobenzene

Concen: 48.043 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 328979

Ion Ratio Lower Upper

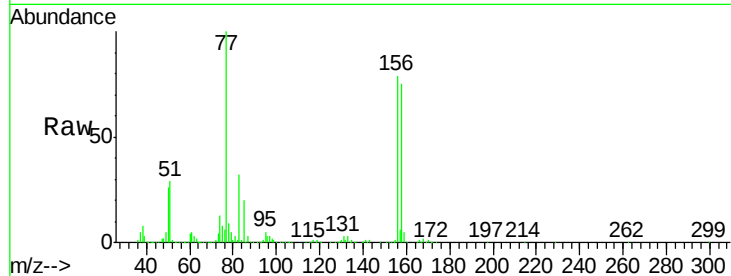
156 100

77 135.7 68.0 204.0

158 97.5 48.3 144.8

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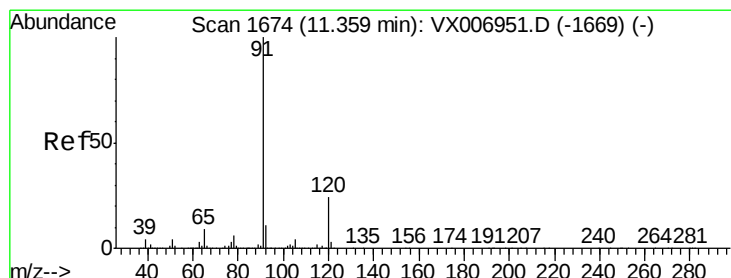
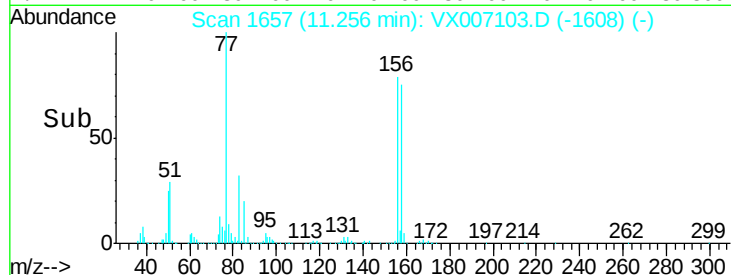
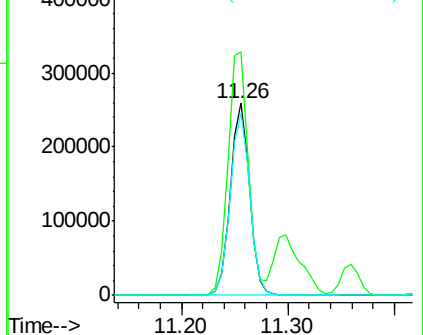
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.606 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007103.D

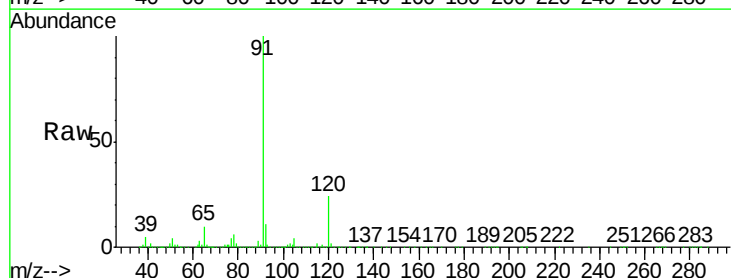
Acq: 17 Jan 2019 22:02

Tgt Ion: 91 Resp: 1353364

Ion Ratio Lower Upper

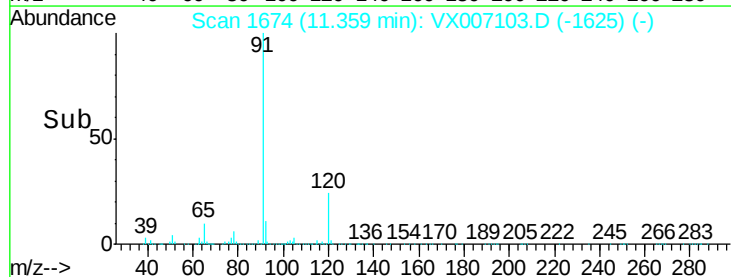
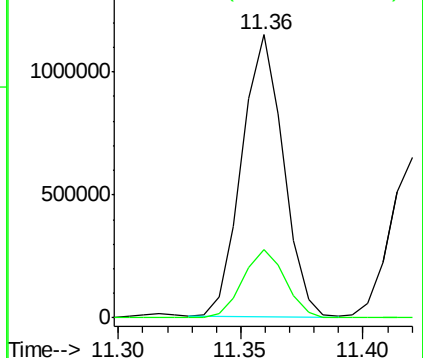
91 100

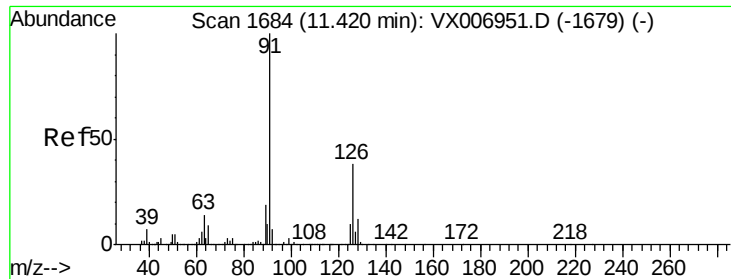
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.562 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 797516

Ion Ratio Lower Upper

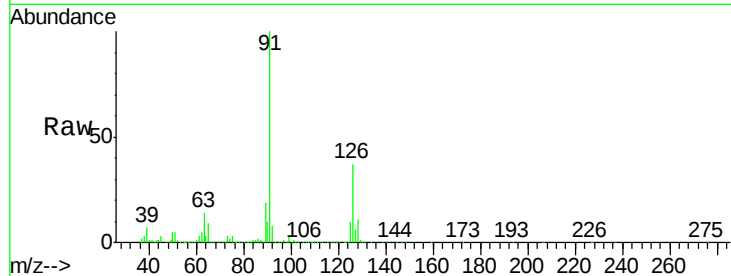
91 100

126 37.0 18.6 56.0

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Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006951.D (-1679) (-)

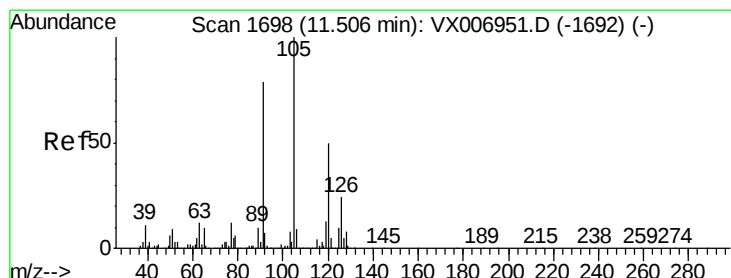
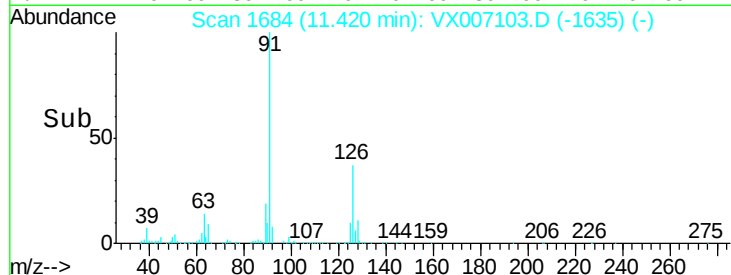
1000000

500000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.048 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007103.D

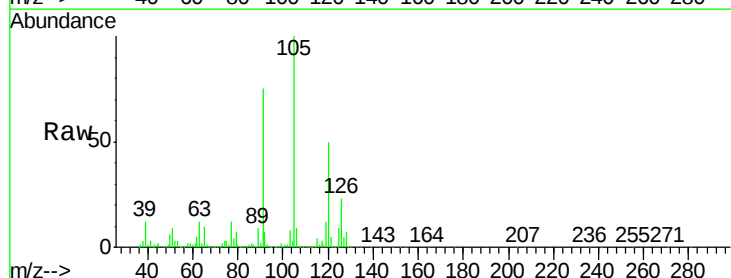
Acq: 17 Jan 2019 22:02

Tgt Ion: 105 Resp: 997748

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006951.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006951.D (-1692) (-)

1000000

800000

600000

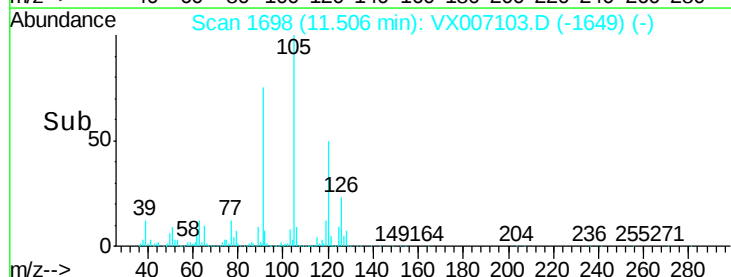
400000

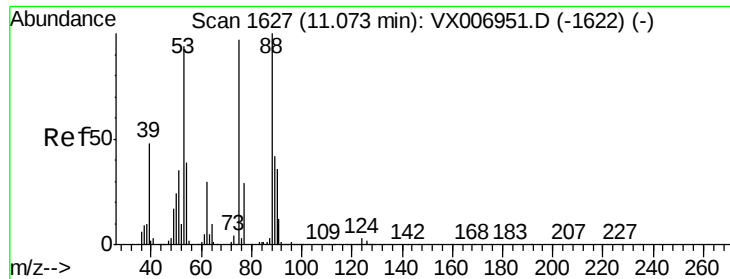
200000

0

11.50 11.60

Time-->





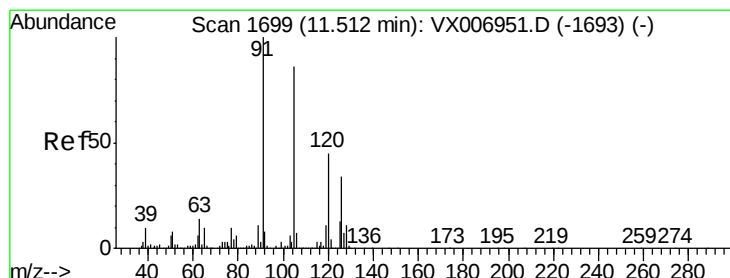
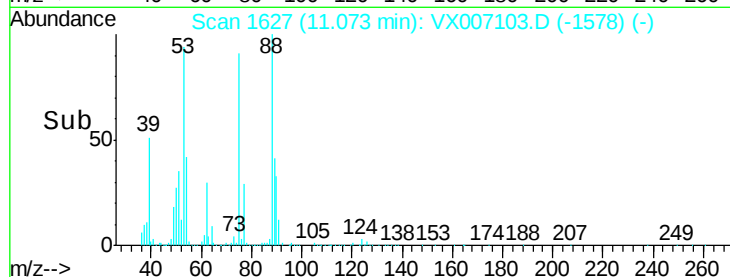
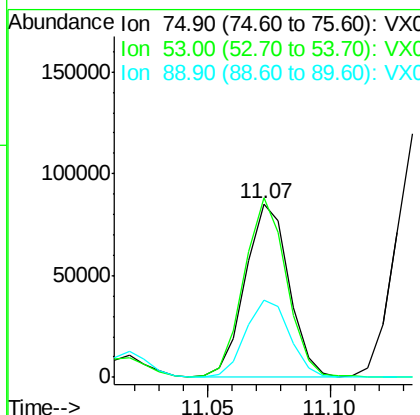
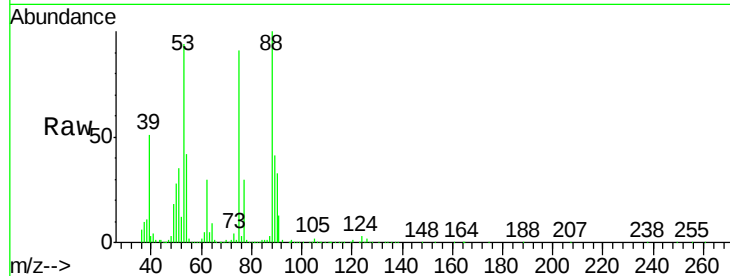
#81
trans-1,4-Dichloro-2-butene
Concen: 45.049 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.2	79.7	119.5
89	44.7	38.0	57.0

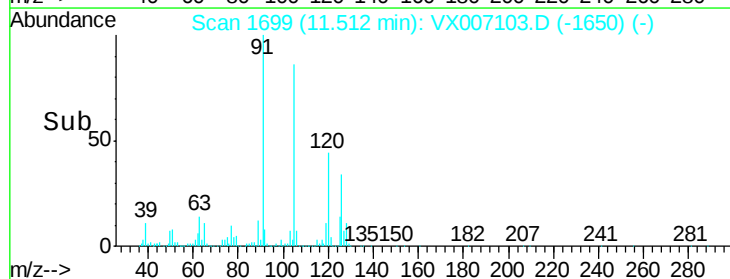
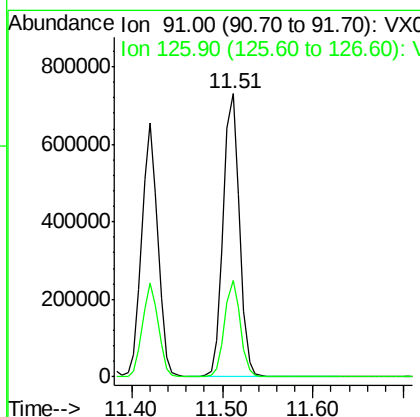
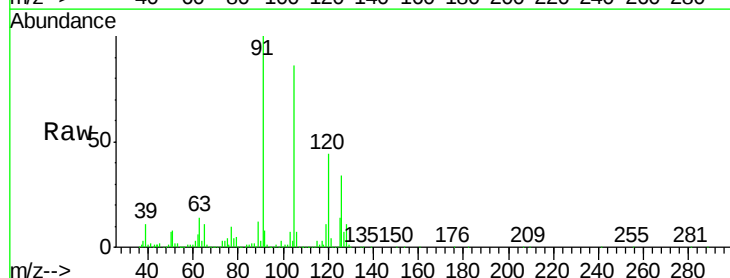
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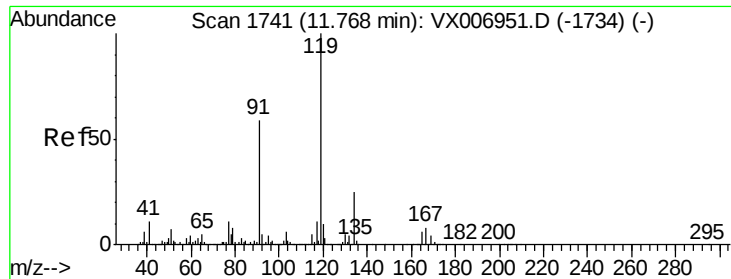
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#82
4-Chlorotoluene
Concen: 48.303 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.3	48.9





#83

tert-Butylbenzene

Concen: 49.588 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:119 Resp: 1027384

Ion Ratio Lower Upper

119 100

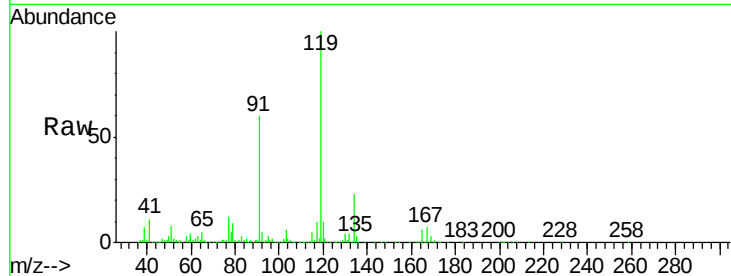
91 54.6 27.7 83.1

134 23.1 11.9 35.5

Manual Integrations
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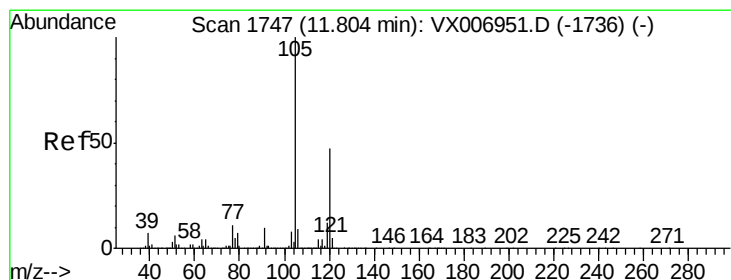
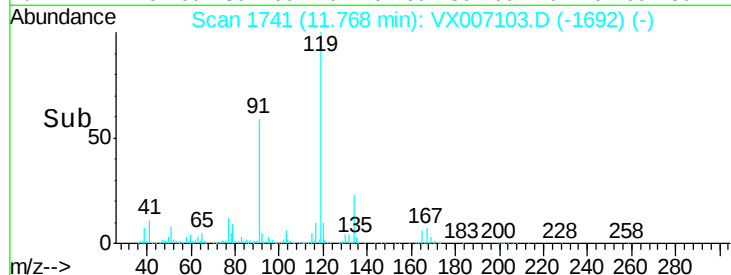
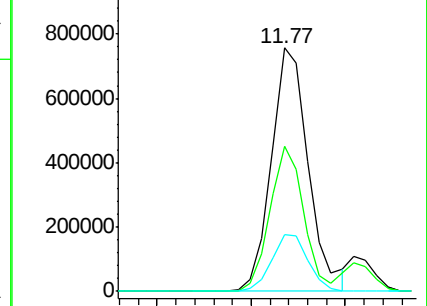
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.173 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007103.D

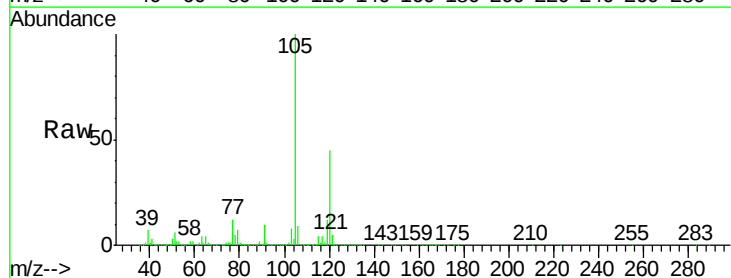
Acq: 17 Jan 2019 22:02

Tgt Ion:105 Resp: 1026816

Ion Ratio Lower Upper

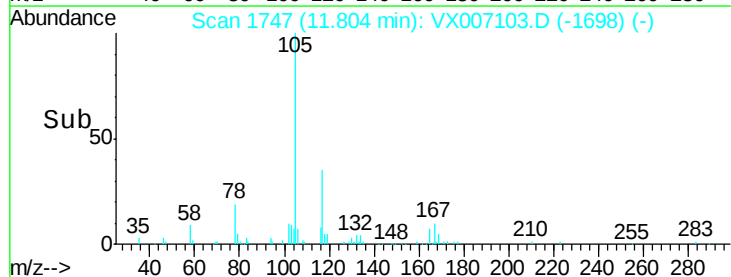
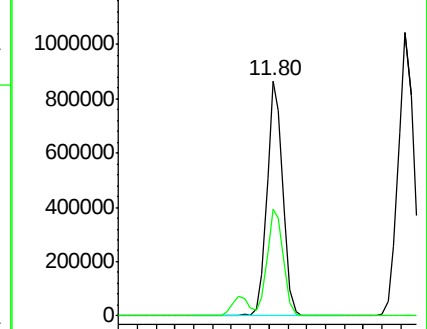
105 100

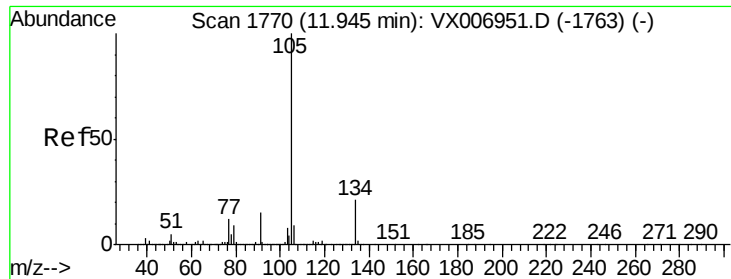
120 46.0 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.224 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1217980

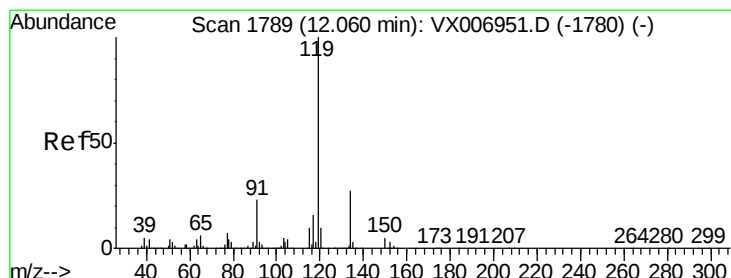
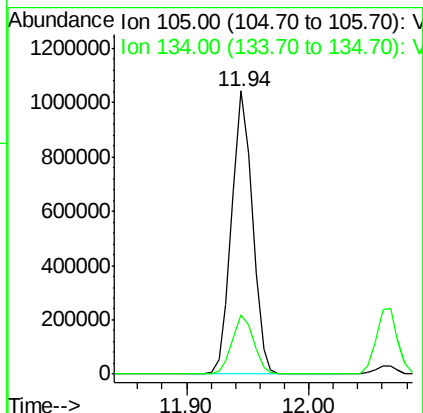
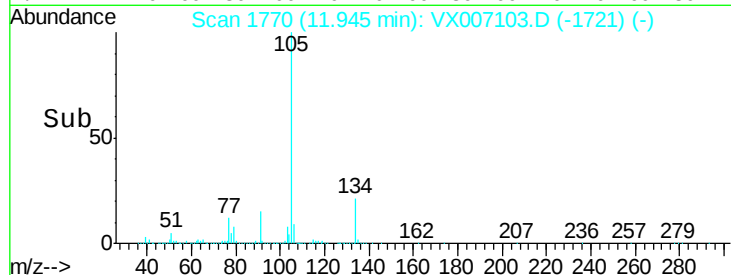
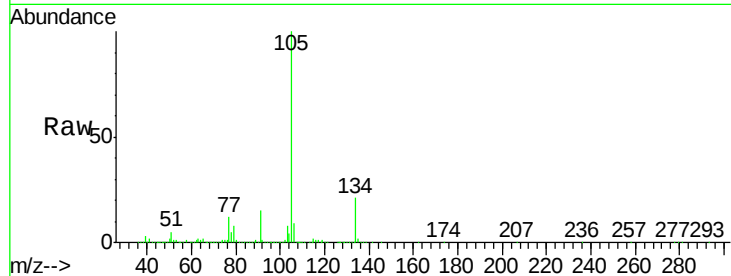
Ion Ratio Lower Upper

105 100

134 21.6 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 49.116 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

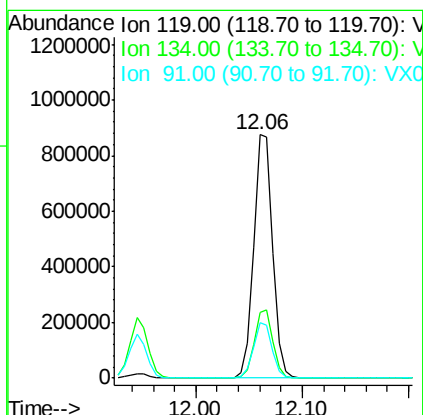
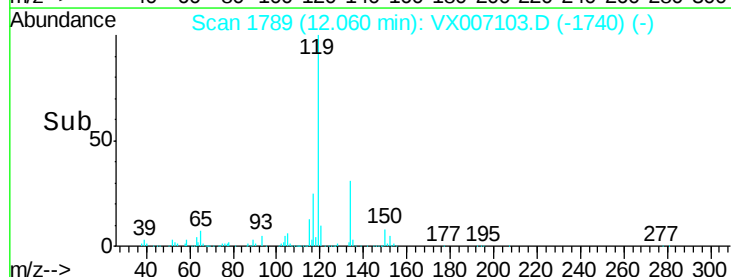
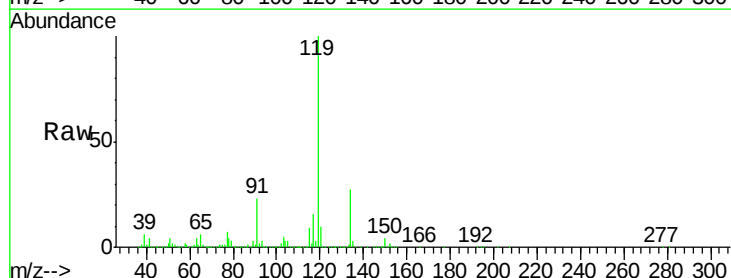
Tgt Ion:119 Resp: 1087050

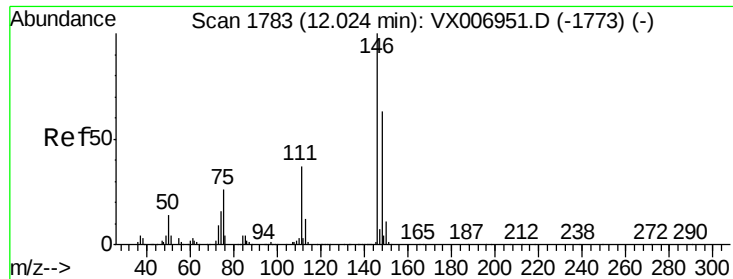
Ion Ratio Lower Upper

119 100

134 27.5 14.0 41.9

91 22.4 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 47.410 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

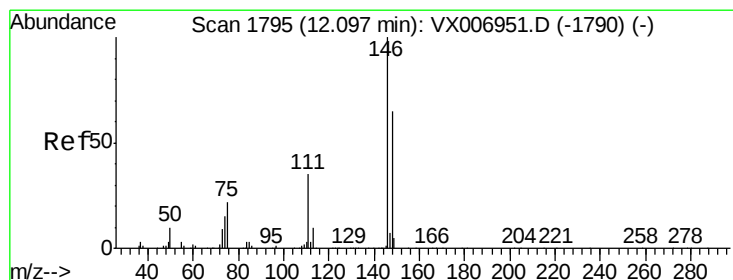
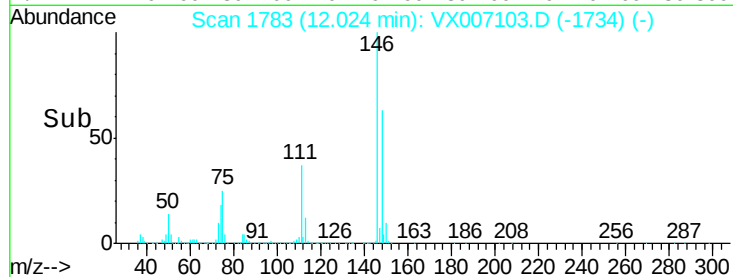
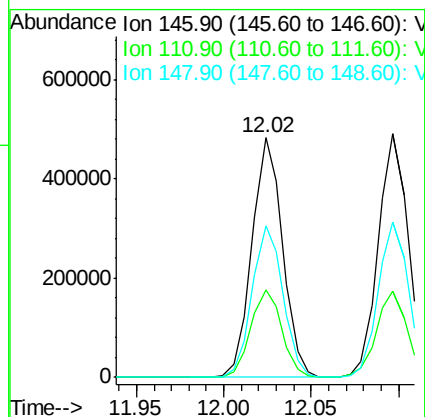
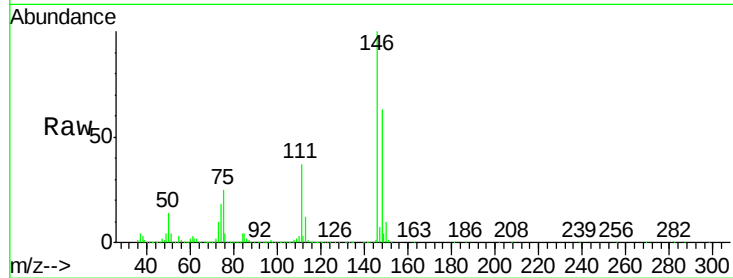
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	586792
Ion Ratio	Lower	Upper	
146	100		
111	37.2	18.6	55.8
148	63.9	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 49.938 ug/l

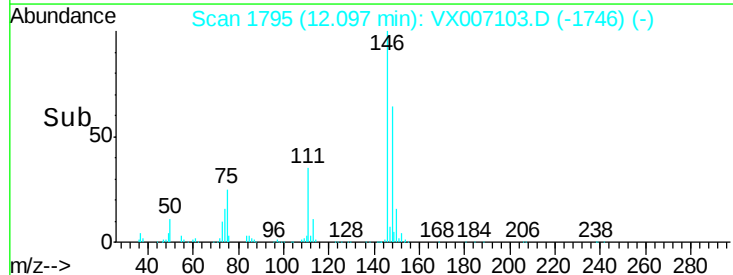
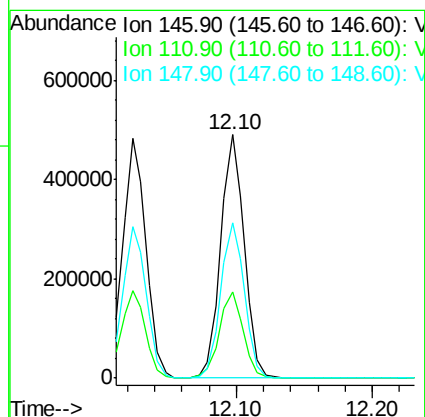
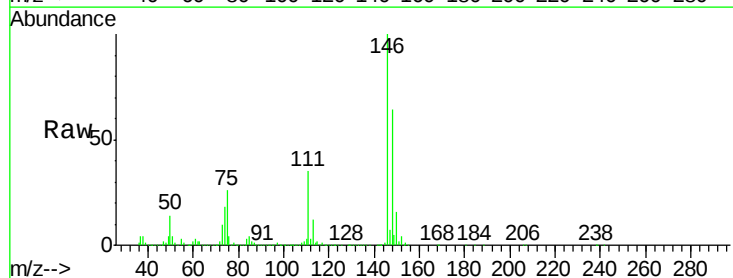
RT: 12.10 min Scan# 1795

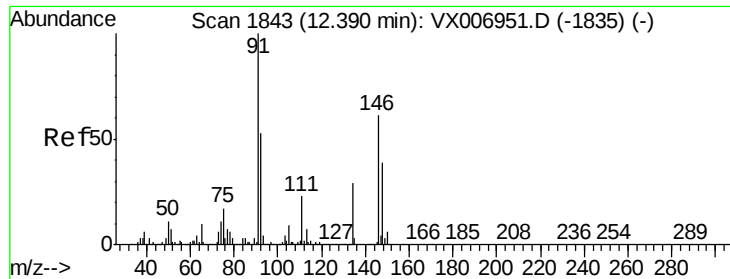
Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Tgt Ion:	146	Resp:	585617
Ion Ratio	Lower	Upper	
146	100		
111	36.2	18.1	54.1
148	64.5	31.9	95.9





#89

n-Butylbenzene

Concen: 49.190 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

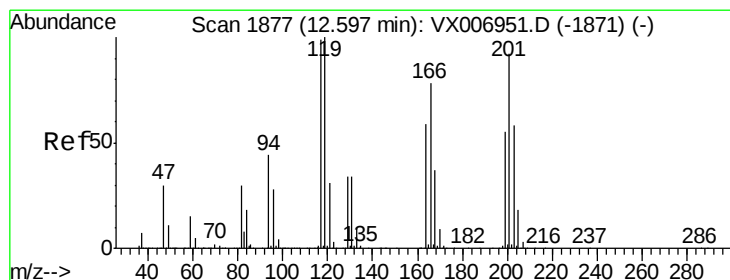
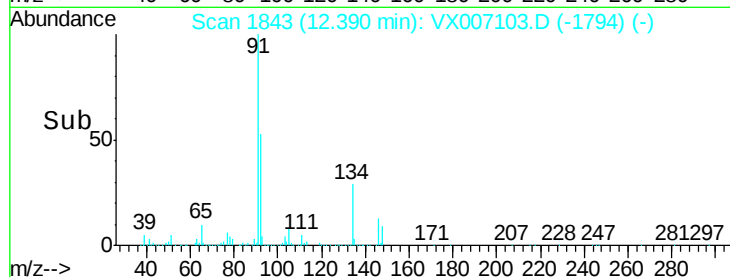
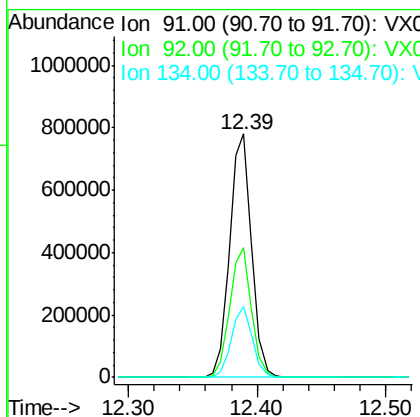
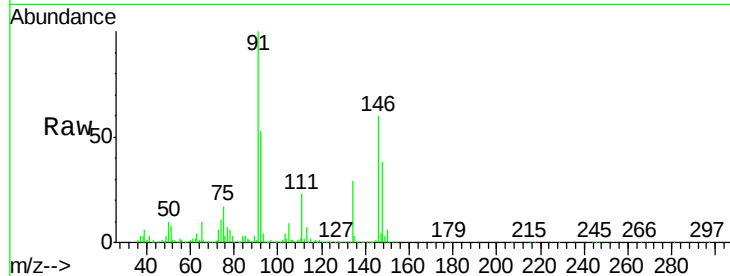
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	928076
Ion Ratio	Lower	Upper	
91	100		
92	52.5	26.8	80.4
134	28.0	14.4	43.2

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#90

Hexachloroethane

Concen: 48.227 ug/l

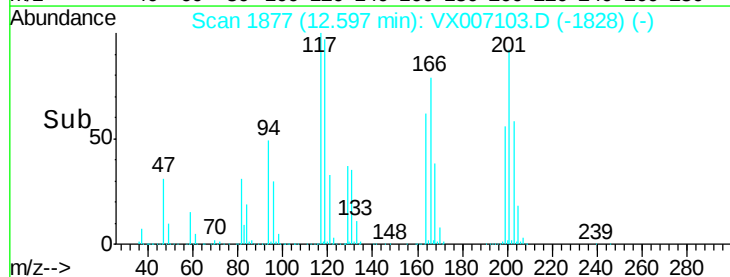
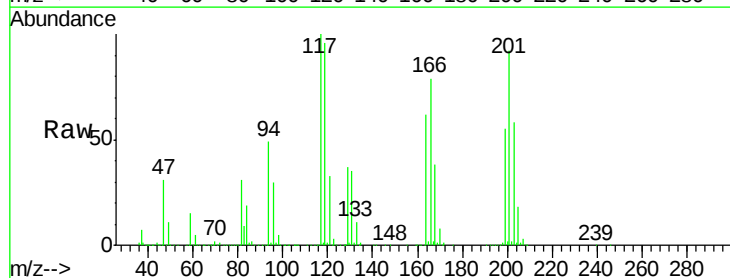
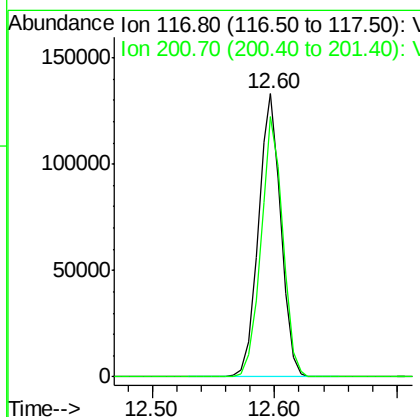
RT: 12.60 min Scan# 1877

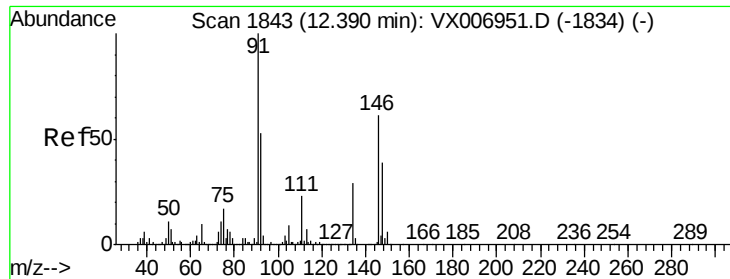
Delta R.T. 0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Tgt Ion:	117	Resp:	170013
Ion Ratio	Lower	Upper	
117	100		
201	89.2	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 47.579 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Instrument :

MSVOA_X

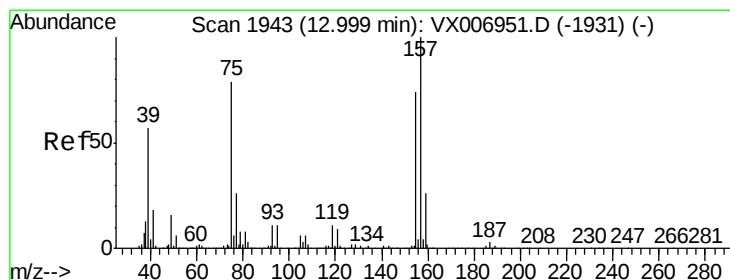
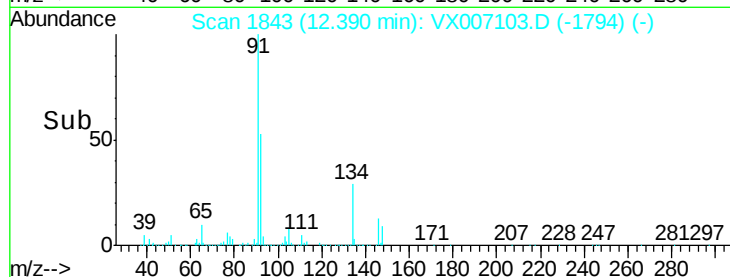
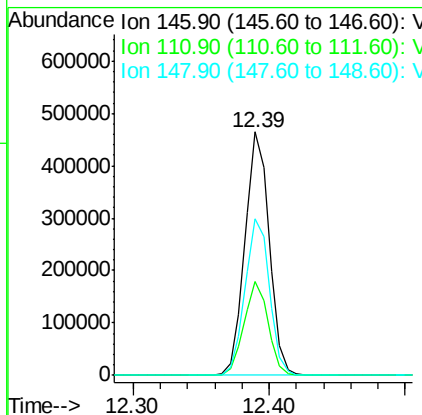
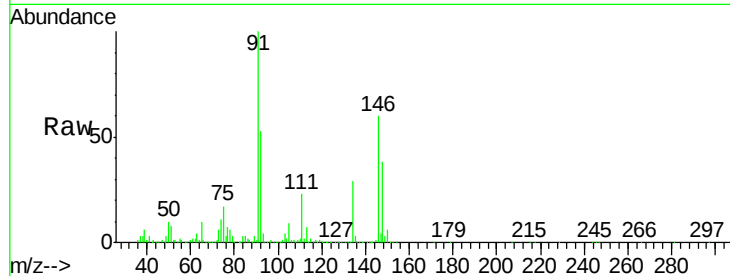
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	581151
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.4	58.2
148	64.8	32.3	96.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 54.754 ug/l

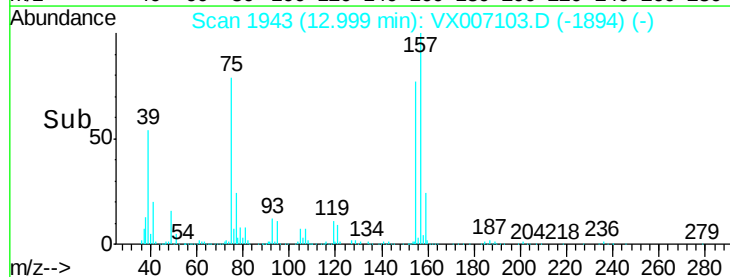
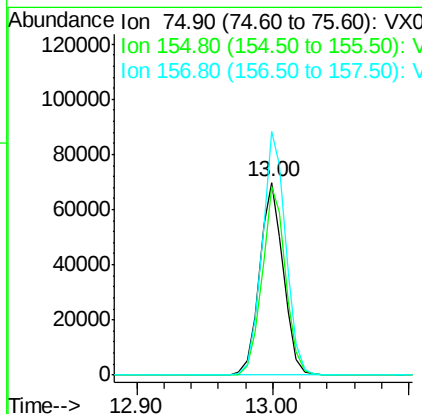
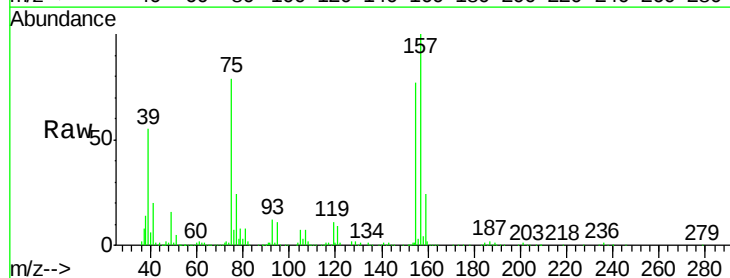
RT: 13.00 min Scan# 1943

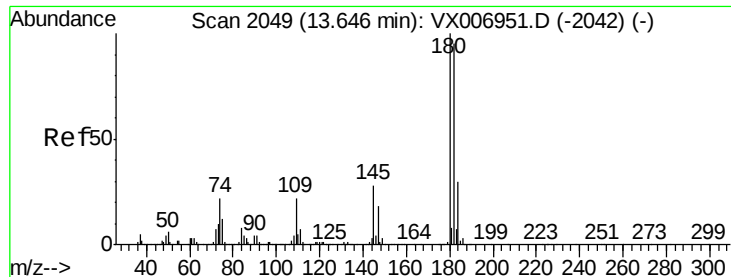
Delta R.T. -0.00 min

Lab File: VX007103.D

Acq: 17 Jan 2019 22:02

Tgt Ion:	75	Resp:	85438
Ion Ratio	Lower	Upper	
75	100		
155	96.3	50.6	151.8
157	125.8	64.6	193.8





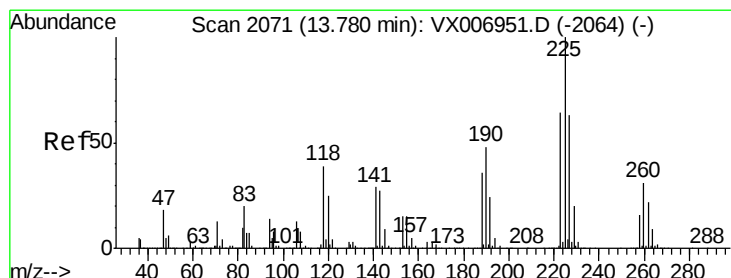
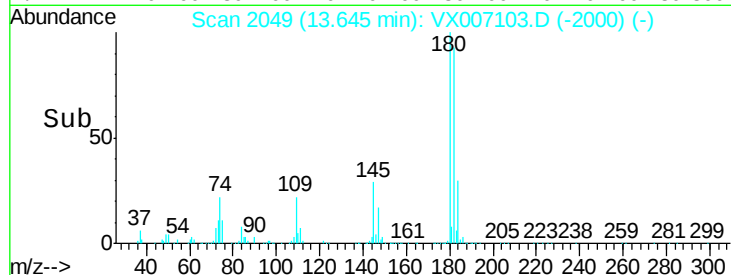
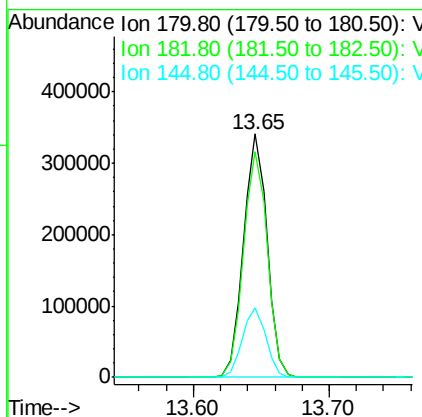
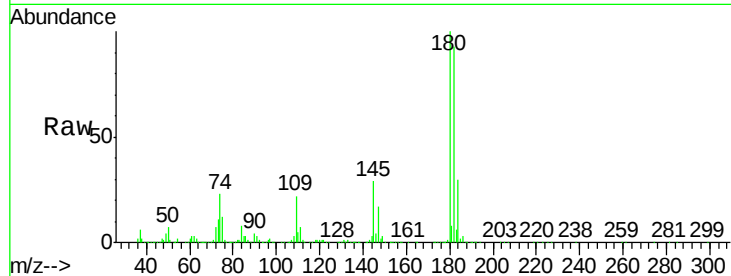
#93
 1,2,4-Trichlorobenzene
 Concen: 49.214 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007103.D
 Acq: 17 Jan 2019 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	412408		
182	93.9	47.3	142.0	
145	28.7	14.8	44.3	

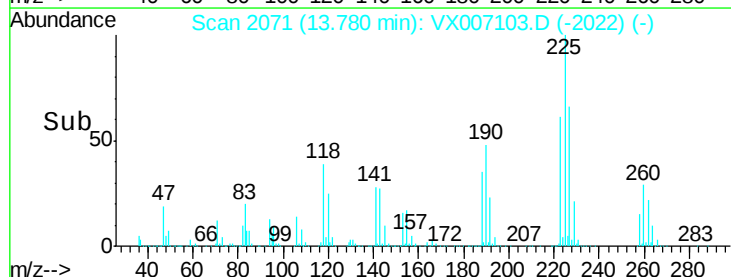
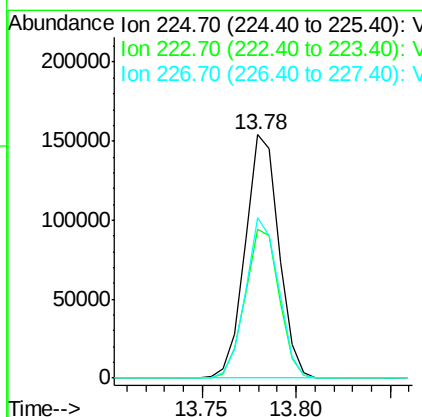
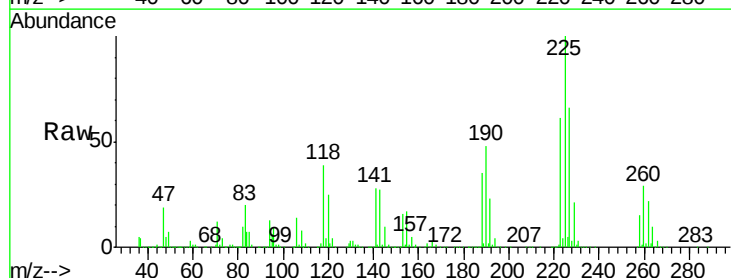
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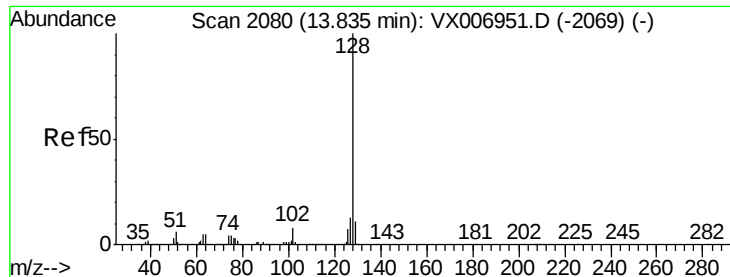
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#94
 Hexachlorobutadiene
 Concen: 51.247 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007103.D
 Acq: 17 Jan 2019 22:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	190573		
223	61.9	32.1	96.3	
227	64.5	32.3	96.8	





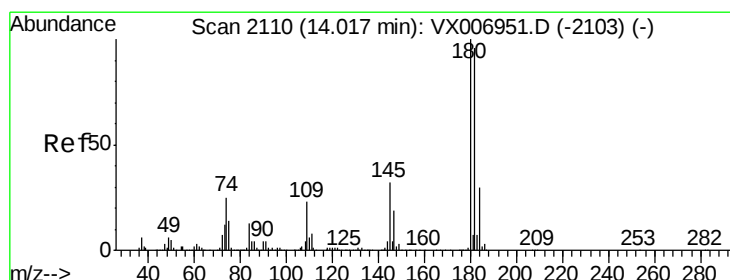
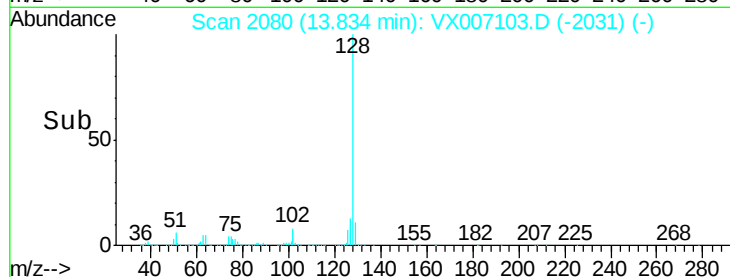
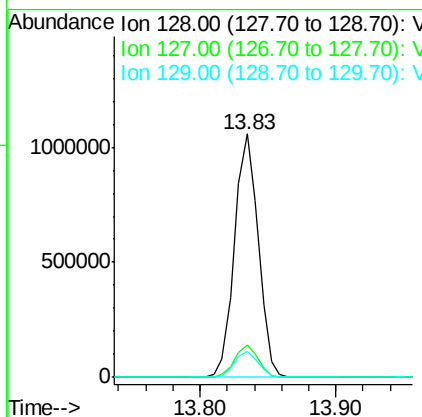
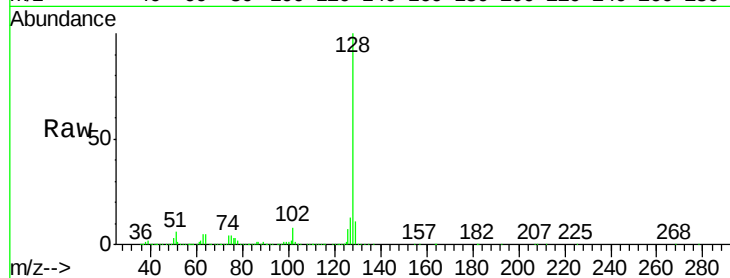
#95
Naphthalene
Concen: 50.585 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	10.9	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.083 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007103.D
Acq: 17 Jan 2019 22:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.5	145.5
145	30.0	16.0	47.9

